

# Faculty of Natural Sciences The Open University of Sri Lanka



# UNDERGRADUATE PROSPECTUS 2025/2026

www.ou.ac.lk/natural-sciences

Learning Opportunities to Anyone, Anywhere, and at Any time.

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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
- Bachelor of Education (Natural Sciences) Level 3 & 4

#### Other Programmes / Courses offered by the faculty

- MSc in Medical Entomology and Applied Parasitology
- MSc in Environmental Science
- Diploma in Microbiology (Blended Online)
- Diploma in Natural Resources and Ecotourism
- Diploma in Science in Laboratory Technology (DSLT)
- Diploma in Environmental Sciences
- Diploma in Plant Breeding
- Diploma in Tissue Culture
- Diploma in Food Science
- Advanced Certificate in Wildlife Conservation & Management (ACW)
- Advanced Certificate in Laboratory Technology (ACLT)
- Advanced Certificate in Science (ACS)
- Advanced Certificate in Applied Earth Sciences
- Stand Alone Courses in Science
- Short Course in Plant Breeding Techniques
- · Short Course in Soilless Agricultural Techniques for Urban Gardening
- 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: <u>https://ou.ac.lk/nsc/</u>

### 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 subject specializations in the sciences through six (06) academic departments. The faculty consists of more than 100 well-qualified academic staff who shares 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, Diplomas, Advanced Certificates and Short Courses 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 V.P.S. Perera 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.

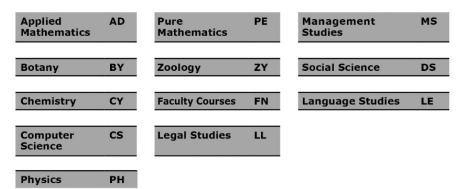
Student learning is facilitated through carefully prepared printed course material suitable for self-learning. Printed course material is supplemented with audio visual and online learning material. Your progress in courses is evaluated at different time intervals using a variety of assessment methods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

#### Courses, Academic Value and Time to Study

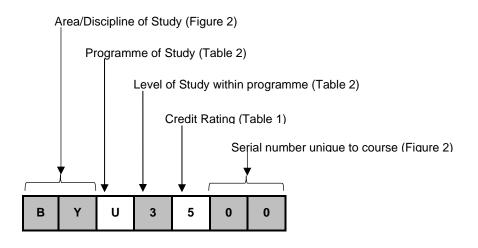
Faculty of Natural Sciences offers courses at different Levels. Degree level courses are at Levels 3, 4, 5 & 6 of the <u>Sri Lankan Qualification</u> <u>Framework (SLQF)</u>. Faculty offers courses at Level 3 of BSc degree programme in Sinhala, Tamil & English while higher-level courses are offered only in 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.

The course code includes certain other components of identification that uniquely identifies the course. The particular subject area/Subject is one component of identification used when assigning course codes. The specific letters assigned to the different areas/ Subjects of study are shown here.



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 Subject 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 Honours 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 subjects in Science.
- acquired relevant practical skills to complement and support subject-based theoretical knowledge.
- developed the ability to conduct scientific investigations and 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 60 credits from among the approved three (3) subjects in Advanced Certificate in Science (OUSL) (see Table 1) OR
- Any other equivalent qualifications (see Table 2,3 & 4)

#### Study-abroad opportunities

The BSc degree programmes of the Faculty of Natural Sciences open up wider prospects for learning and career development in a global context. The BSc degree programme has established links with degree programmes at renowned universities around the world. Undergraduate internships in overseas industrial organizations provide students with valuable real-world experience to expand their academic horizons.

The attainment of progression agreement with the University of Essex, UK to link the B.Sc. Degree programmes of both institute is a remarkable achievement. This Opens attractive new fields of learning for prospective students like you who are aspiring to complete your studies in the UK. Enrolling to the BSc Degree programme at the Faculty of Natural Sciences enables you to make a choice at the end of level 4 (second year) to continue in the OUSL or join the B.Sc. Degree in the University of Essex, UK through progression links. At the completion of level 5 (third year), if you are eligible to register for a Special (Hons.) Degree in the OUSL, you will be able to gain direct entry to the MSc programmes at the University of Essex, UK. These progression pathways will lead you towards obtaining both local and foreign qualifications in science from well recognized universities, at an affordable cost. Besides, it enables you to choose the most appropriate field of study based on your interests and make informed decisions with minimum risk for your future. We do hope this link between the OUSL and University of Essex offers a Unique educational experience to build you up as a global citizen. For more details please visit

https://ou.ac.lk/nsc/news/bsc-degree-linked-with-the-university-of-essex-uk/

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

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

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

#### Table 2: Specific Exemptions for EAP (LTE34GE)

IELTS*	Overall score of minimum 5.0 (academic) or 5.5 (general), with not less than 4.0 in writing			
TOEFL *	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.			
Successful completion of a Bachelor's 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.				

\* 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 (CSE3214)

UCTIT	Successful completion of the University Competency Test in Information Technology (UCTIT) conducted by the Higher Education for Twenty Fist 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

	1 <sup>st</sup> year Examinatio recognized		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 Part I
Course Code	Pure Mathematics	Applied Mathematics		
CYE3200	х	Х	Х	Х

#### Pre-requisites to register for Level 3 courses

Specific pre-requisites required to register for any course in a particular Subject 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:

Subject	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)

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

#### Duration of the Degree

The minimum period required to complete the BSc Degree is three (03) academic years. However, the programme provides flexibility for 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 Honours Degree in major Science Subjects (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 Honours degree if you have required minimum qualifications in Levels 3 and 4 (2+2 Structure). It is offered for Bachelor of Science honours in Botany, Mathematics, Chemistry, Physics and Zoology. If you are interested in following the BSc Honours degree after completion of

Level 4, you can find out the selection criteria from the Faculty Office or from the Faculty website (https://ou.ac.lk/nsc/faculty-of-natural-sciences/find-a-programme/?wpv-study-programme=Undergraduate).The maximum duration for completion of BSc Honours 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, 1<sup>st</sup> or 2<sup>nd</sup> 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 Assistant Registrar/Natural Sciences on or before <u>10<sup>th</sup> May 2025</u>. 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).

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

#### Table 6: Subjects that can be offered at Level 3

Course Code	Credits	Course Title			
Subject-based	Subject-based 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 Scie	nce				
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	2	Communication Skills		
LLU3261	2	Understanding Law		
OSU3208	2	Managing Your Work and People		
Note: ADU3218 (i.e., it is mutual	<b>Note:</b> ADU3218 is for Mathematics students not offering Applied Mathematics. (i.e., it is mutually exclusive with ADU3201)			
Continuing Edu	Continuing Education Courses			
Compulsory				
ADE3200	2	Applied Calculus I		
CSE3214	2	Information & Communication Technology Skills		
CYE3200	2	Mathematics for Chemistry and Biology		
FDE3021	0	Empowering for Independent Learning (EfIL)		
LTE3407	4	English for General Academic Purposes (EGAP)		
<b>Note:</b> ADE3200 is only for Applied Mathematics students not offering Pure Mathematics.				

Subject-based (	Subject-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		

#### Table 8: Courses offered at Level 4

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			
	ADU4301 and ADU4303 are compulsory for these offering Applied Mathematics at Level 4, even for those offering Applied Mathematics as a minor discipline.				
Pure Mathematic	s				
PEU4300 <sup>*\$</sup>	3	Real Analysis I			
PEU4301	3	Real Analysis II			
PEU4302*\$	3	Linear Algebra			
PEU4303	3	Group Theory I			
PEU4300 and PEU4302 are compulsory for those offering pure Mathematics at Level 4, even for those offering Pure Mathematics as a minor discipline.					

Subject- 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		
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		
CYU5307	3	Chemical aspects of Food Industry		
CYU5308	3	Instrumental Methods of Chemical Analysis		
CYU5310**	3	Literature Project in Chemistry		
CYU5611**	6	Research Project in Chemistry		

#### Table 9: Courses offered at Level 5

Course Code	Credits	Course Title			
CYU5312	3	Industrial Chemistry I			
CYU5614*^	6	Physical Chemistry I			
CYU5615*^	6	Advanced Organic Chemistry			
CYU5310, CYU5611 Lim department	iited enrolme	nt depending on the available facilities in the			
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			
PHU5312*	3	Solid State Physics			
PHU5313 <sup>0₽</sup>	3	Advanced Electromagnetism			
PHU5314 <sup>0P</sup>	3	Thermodynamics			
PHU5315 <sup>OP</sup>	3	Renewable Energy Sources			
PHU5318	3	Electronics for Biology Students			

Course Code	Credits	Course Title		
Zoology	1			
ZYU5300	3	Aquatic Biology		
ZYU5301	3	Fish Biology and Fishery Management		
ZYU5302	3	Conservation & Management of Biodiversity		
ZYU5303	3	Environmental Toxicology		
ZYU5304	3	Parasitology		
ZYU5305	3	Human Biology		
ZYU5306	3	Entomology		
ZYU5307	3	Mammalian Biology		
ZYU5608**	6	Zoology Project		
ZYU5309	3	Palaeobiology		
ZYU5310* <sup>z</sup>	3	Concepts and Application of Evolution Biology		
ZYU5311* <sup>z</sup>	3	Literature Review in Zoology		
ZYU5312	3	Zoology Essay		
ZYU5313* <sup>z</sup>	3	Research Methodology		
ZYU5314	3	Fundamentals of Ornithology		
ZYU5315	3	Fundamentals of Molecular Biology		
Computer Science				
CSU5300	3	IT Project Management		

Course Code	Credits	Course Title		
CSU5301	3	Software Quality Assurance		
CSU5302	3	Web Technologies		
CSU5303	3	Management Information Systems		
CSU5304	3	Mathematics for Computing		
CSU5305	3	Theory of Computing		
CSU5306	3	Digital Electronics		
CSU5312	3	Wireless and Cellular Networks		
CSU5308/ CSU5317	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	3	Linear Programming		
ADU5301	3	Regression Analysis I		
ADU5302 <sup>\$M</sup>	3	Mathematical Methods		
ADU5303	3	Newtonian Mechanics II		
ADU5304	3	Operational Research		

Course Code	Credits	Course Title		
ADU5305	3	Statistical Inference		
ADU5306	3	Fluid Mechanics		
ADU5307 <sup>\$M</sup>	3	Numerical Methods		
ADU5308	3	Graph Theory		
ADU5309	3	Design and Analysis of Experiments		
ADU5310	3	Time Series Analysis		
ADU5312	3	Data Mining Techniques		
ADU5313	3	Generalized Linear Models		
ADU5314	3	Sampling Techniques		
ADU5615	6	Project in Mathematics		
Pure Mathematics				
PEU5300 <sup>₅</sup>	3	Riemann Integration		
PEU5301	3	Ring Theory		
PEU5302	3	Combinatorics		
PEU5303	3	Number Theory		
PEU5304	3	Introduction to Complex Analysis		
PEU5305 <sup>\$M</sup>	3	Complex Analysis I		
PEU5306	3	Introduction to dynamical systems		
PEU5307	3	Cryptography		

Open Elective Courses				
Course Code	rse 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		
FNU5300	3	GIS and Remote Sensing in Natural Resource Management		
FNU5301	3	Environmental Degradation Management		
FNU5302	3	Fundamentals of Environmental Impact -Assessment		
ADU5321	3	Applied Calculus II		

### Abbreviations:

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- Compulsory for the relevant Subject specialization.
- \*\* Offered only for 3-year degree
- \$M Compulsory for Specialization in Mathematics.
- \*S Compulsory for Specialization in Statistics.
- Compulsory for the relevant Subject specialization and offered only for 4-year Special degree.
- \*\* Offered only for 3-year degree
- Offered only for 4- year degree
- OP Not offered in 2024/2025
- \*Z Compulsory for Specialization in Zoology and ZYU5608 Registered students.
- \*\$ Compulsory for the relevant minor disciplines

#### Table 10: Courses offered at Level 6

Subject- 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		
CYU6304*	3	Inorganic Spectroscopy & Structural Chemistry		
CYU6305*	3	Concepts in Industrial Chemistry		
CYU6606*	6	Advanced Experimental Chemistry		
CYU6307*	3	Industrial Training and Literature Seminar		
CYU6608*	9	Research Project in Chemistry		

Course Code	Credits	Course Title		
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		
ZYU6605*z	6	Advanced Laboratory Techniques in Zoology		
ZYU6306	3	Advanced Ornithology		
ZYU6908*z	9	Research Project in Zoology		
ZYU6309	3	Oceanography and Ocean Resources		
ZYU6310	3	Wildlife Management and Conservation		
ZYU6311* <sup>z</sup>	3	Special Topics in Zoology		
ZYU6312	3	Wildlife DNA forensics		
ZYU6313	3	Advanced Techniques in Molecular Biology		
Applied Mathematics				
ADU6300	3	Stochastic Processes		
ADU6301	3	Regression Analysis II		

Course Code	Credits	Course Title
ADU6302	3	Statistical Quality Control
ADU6303	3	Actuarial Mathematics
ADU6304 <sup>\$M</sup>	3	Computational Mathematics
ADU6305 <sup>\$M</sup>	3	Optimization Theory
ADU6306	3	Mathematical Modelling
Pure Mathematics		
PEU6300	3	Group Theory II
PEU6601 <sup>\$M</sup>	6	Point Set Topology
PEU6602 <sup>\$M</sup>	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
PEU6611 <sup>\$M</sup>	6	Research project in Mathematics

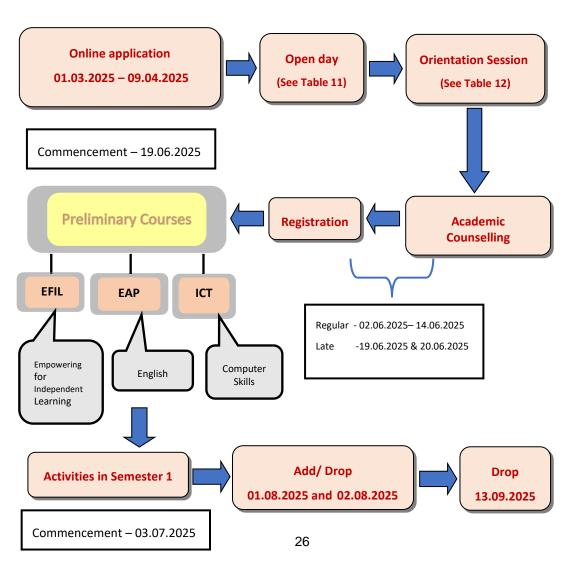
#### Abbreviations:

\*

- Compulsory for the relevant Subject specialization.
- \$M Compulsory for Specialization in Mathematics.
- \*S Compulsory for Specialization in Statistics.
- \*\* Offered only for 3-year degree
- \*Z Compulsory for Specialization in Zoology.

## **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.

Open day 1 (online)				
Date & Time		Link		
7 <sup>th</sup> March 2025 (9.30 a.n	n. – 12.30 p.m.)			
Link 1 - Sinhala/English	9.30 a.m-12.30 p.m	Join Zoom Meeting https://learn.zoom.us/j/91832138251?pwd=a8YQZirUr HMLk6U604d200YihCVLcl.1 Meeting ID: 918 3213 8251 Passcode: Yb39G9H&		
Link 2 - Sinhala/English	9.30 a.m-12.30 p.m	Join Zoom Meeting https://learn.zoom.us/j/94008194367?pwd=REoTtEXn LrxR3zCRBHQ9ayfcPYSUrT.1 Meeting ID: 940 0819 4367 Passcode: x1Z+h94U		
Link 3 - Tamil/English	9.30 a.m-12.30 p.m	Join Zoom Meeting <u>https://learn.zoom.us/j/91277391373?pwd=16enKEj2</u> .30 a.m-12.30 p.m <u>V5ejZ5w9NWaovIkja80Xo.1</u> Meeting ID: 912 7739 1373 Passcode: JAWPU+y7		
Open day 2 (on-site)				
Date & Time	Centres			
29 <sup>th</sup> March 2025 (9.30a.m – 1.00p.m)	CRC, KRC, MRC, JRC, BRC & ARC			

#### Table 11 - Schedule of Open Days (Online/Onsite)

#### **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) or equivalent certificates with photocopies. At the 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 (onsite) - 08th and 26th April 2025

9.00 a.m. - 1.00 p.m.

Will be held onsite on 08<sup>th</sup> and 26<sup>th</sup> April 2025 in six Regional Centres. The activity plan will be notified later.

Date & Time	Centres
08 <sup>th</sup> April 2025	CRC, KRC, MRC, JRC, BRC & ARC
26 <sup>th</sup> April 2025	CRC, KRC, MRC, JRC, BRC & ARC

Table 12 - Orientation Session (onsite)

## 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 the 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) Certificate issued by Department of Examination
- Registration Form (R3) countersigned by the Personal Counsellor (Forms will be given at Orientation Sessions)
- 6. University copy of the paid voucher
- 7. Declaration form

#### **Prior Learning Courses**

Prior Learning Courses will begin one month prior to commencement of the Academic activities It is 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 offered at **Level 3**, the first year of the degree programme

#### Compulsory courses:

FDE3021 - Empowering for Independent Learning (EfIL) - (Free)

LTE34GE - English General Academic Purposes (EAP) - Rs. 5,500/=

CSE3214 - ICT Skills - Rs. 3,000/=

- CYE3200 Mathematics for biology and chemistry (only for biology stream students)
- A Student should pass/exemptions in all compulsory courses to complete the degree.

#### PLEASE NOTE THAT

- 1. IT IS COMPULSORY TO PASS THE EFIL COURSE (FDE3021) TO REGISTER AT LEVEL4.
- 2. IT IS COMPULSORY TO PASS THE COURSES: CSE3214 AND CYE3200 TO REGISTER AT LEVEL 5.



Fees for students registering for the BSc Degree Programme in the academic Year 2025/26 are as follows.

#### **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.49,156/=)**. 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 the BSc Degree Programme.

#### Breakdown of the first Instalment (Voucher 1) (i) Prior Learning Courses (LKR 5,500/=)

#### (ii) Tuition fee (LKR 39,456/=)

- 1. Tuition Fee: Rs. 2,740/= per credit
- Number of Credits of regular courses to be offered/registered per year between 8-30 (Tuition fees for the academic year may differ depending on the number of credits that you register and can adjust the voucher).

As, the 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 **(LKR. 2,740/=x 24 x 0.60 = LKR.39,456/=)**. The payment may be reduced at the time of registration if you wish to register for a lesser number of credits. If you want to register for total of 30 credits, please revise the voucher equivalent to 30 credits from the Finance Division before you pay a voucher. Representatives from Finance division will be stationed at all the Regional Centres near registration area.

#### (ii) Facility Fees (LRK 4,200/=)

Registration Fee	-	LKR	500.00
Facilities Fee	_	LKR	2,500.00
Refundable Lab Deposit	_	LKR	1,100.00
Library Facilities	_	LKR	100.00
Total	-	LKR	4,200.00

Total for the Voucher 1 = LKR 5,500/= + LKR. 39, 456/= + LKR. 4,200/

#### = Rs. 49,156/=

#### Course fee

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1. Tuition Fee: Rs. 2,740/= per credit

2. Number of Credits of regular courses to be offered/registered per year - between 8-30

#### Breakdown of the Second Instalment (Voucher 2) To be paid after five months of registration

The second instalment, which is 40% of tuition fees, is due approximately 5 months after the registration (approximately December 2025). The amount would be LKR. **26,304/ + Laboratory fees + Prior Learning Courses (ICT Rs. 3,000/=).** (If you have registered for laboratory-based courses). More information please visit <a href="https://ou.ac.lk/nsc/programme/bsc/">https://ou.ac.lk/nsc/programme/bsc/</a>

**Note:** If you wish to cancel your registration and withdraw from the programme of study, you will be required to inform the Assistant Registrar/Student Affairs by a letter. A refund will be made only if you notice before the Add/Drop date.

## **Teaching Staff**

#### Department of Botany Dr. K. A. J. M. Kuruppuarachchi (Head) Snr Prof. Shyama R. Weerakoon (Chair) B.Sc, M.Sc. (Sri Jayewardenepura); B.Sc.(Colombo);Ph.D. (Western Australia) PG.Dip.Ed; MEd (OUSL); Ph.D.(OUSL); C.I. Biol.(SL), C.I. Biol. (SL); F.I. Biol (SL) F.I.Biol(SL) Prof. H.L. Darshani Weerahewa Prof. K.A.R.S. Perera B.Sc; Ph.D(Peradeniya); M.I.Biol (SL); Cl. Biol (SL) BSc (OUSL); M.Sc.(Sri Jayewardenepura); Ph.D. (Kelaniya); PG Dip.Distance Education (IGNOU) C.I. Biol. (SL); F.I. Biol (SL) Dr. L.K.R. Ramani Jayakody Dr. P.W.H.K. Privadharshani Daulagala (KRC) B.Sc.(Colombo); Ph.D.(Lancaster); M.I. Biol. (SL), B.Sc.(Peradeniya); Ph.D.(Aberdeen) F.I.Biol (SL) M.I. Biol (SL); C.I. Biol (SL), F.I. Biol (SL) Dr. K.O.L.Chathurika, Karunanavake Dr. S.A.D. Prasad Senadheera B.Sc. (Peradeniya),;Ph.D. (Peradeniya); B.Sc. (Colombo); PG. Dip. IT (Kelaniva): Ph.D. (Colombo) M.I.Biol (SL) Ms. Y.A. Samithri (MRC) Dr. L.D. K. Marasinghe (KRC) B.Sc. (Peradeniya); MPhill (Peradeniya): B.Sc. (Peradeniya); Ph.D. (Edinburgh) Dip.HRM & OB (ACHE -Kandy) M.I.Biol (SL) Dr. W.H.M.A.T. Herath Ms. P. Pradeepa D.C. Perera B.Sc.(Peradeniya); Ph.D.(Peradeniya); B.Sc(Colombo);M.Sc(Colombo);M.I.Biol. (SL); M.I. Biol (SL) M.Phil. (Kelaniva) Dr. S.M.M.P.K. Seneviratne Dr. M.A.A.B Dilhan B.Sc. (kelaniya); M.Phil. (Peradeniya); B.Sc. (Peradeniya); M.Sc.(Peradeniya); Ph.D. (Adelaide) Ph.D (USA) Mr. B.C. Gunaratne (MRC) Dr. H.B.P. Sandani B.Sc.(Sri Jayawardenepura); B.Sc. (Ruhuna); Ph.D. (Ruhuna) M.Sc.(Sri Jayawardenepura); M.I. Biol (SL) Ms. J.M. Mathushika (BRC) B.Sc. (Colombo)

Department of Chemistry			
<u>Ms. M. Thayaparan <b>(Head)</b></u> B.Sc.(Hons) (Jaffna); M.Phil. (OUSL); M.I.Chem.C	Prof. R. Senthilnithy B.Sc. (Jaffna); M.Phil. (Jaffna); Ph.D., F.I.Chem(Colombo) ; C;Chartered Chemist		
Prof. Rukmal Ratnayake (KRC) B. Sc.(Peradeniya); Ph. D. (Peradeniya)	Ms. M.N. Kumudini de Zoysa Graduate Chemist (Institute of Chemistry, Ceylon);M.A.(IGNOU); M Phil. (OUSL); M.I.Chem.C.; Chartered Chemist		
<u>Ms. M.D. Janakie S. Saparamadu</u> B.Sc.(Colombo); M.Sc.(Colombo); M.Phil, (Colombo); M.I. Chem.C.	Dr. Chandani Ranasinghe B.Sc.(Peradeniya); M.Phil.(Peradeniya); Ph.D.(Sri Jayewardenepura); M.I.Chem.C.; Chartered Chemist , F.I. Chem.C		
<u>Dr. D.T. Abeysinghe</u> B.Sc.(Kelaniya); M.Sc. (Colombo); Ph.D. (Iowa): M.I. Chem.C	Dr. D.D.D.H. Alwis B.Sc. (Sri Jayewardenepura); Ph.D. (Sri Jayewardenepura); Graduate Chemist (I. Chem., Ceylon); M.I.Chem.C., F.I.Chem.C		
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Dr. D.V.D. Hemalika (MRC) B.Sc. (Ruhuna) ; Ph.D. (Sri Jayewardenepura)	Dr. Sanjeewa K. Rodrigo (KRC) B.Sc. (Peradeniya); Ph.D. in Chemistry (University of Cincinnati, USA)		
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Dr. P.V.H.K. Ranasinghe B.Sc. (Sri Jayewardenepura); Ph.D (LSU, USA)	<u>Dr. T.L.D. Fernando</u> B.Sc. (Sri Jayewardenepura); Ph.D (Auckland, New Zealand)		
<u>Dr. R. Dushanan (MRC)</u> B.Sc.(SEUSL); Ph.D (OUSL)	Dr. P.K. Adhihetty B.Sc.(Kelaniya); M.Sc. (UofL, USA); Ph.D.(UofL, USA)		
<u>Dr. S. Kokilananthan (BRC)</u> B.Sc.(SEUSL); Ph.D (Ruhuna)	<u>Mr. N. Selvanantharajah (JRC)</u> B.Sc. (Jaffna); M.Phil. (Jaffna)		

### Department of Computer Science

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Dr. A.M.P.B. Abeysinghe B.Sc. (Peradeniya), PG Dip. in Computer Technology (Colombo), PG Diploma in Distance Education (OUSL), M.Sc. in Computer Science (Colombo), Ph.D. (OUSL)	<u>Ms. I.D. Ariyasingha</u> B.Sc (Sri Jayawardenepura); MPhil (Sri Jayawardhanapura)
Eng. Ms. C. S. Weliwita (KRC) B.Sc. (Hons) (Eng) (Peradeniya); M.Phil.Eng.(Peradeniya)	<u>Ms. W.C Uduwela</u> B.Sc.; M.Phil. (Kelaniya)
Dr. M.J. Renuka Perera B.Sc. (Sri Jayawardenapura), PG Dip. in Computer Technology(Colombo), MBA (OUSL), Ph.D (Management and Science University, Malaysia)	<u>Ms. S.N. Dissanayake</u> B.Sc. (OUSL)); M.Phil. (OUSL)
<u>Ms. G.M.C.S. Megasooriya (KRC)</u> B.Sc. (Peradeniya); PGD in IT (Colombo); Advance Dip. in English (Colombo); M.Sc. (Peradeniya)	Ms. W.A.SN Perera (on study leave) B.Sc. (Moratuwa)
<u>Ms. A.V.S.P. Pabasarani</u> B.Sc. (Sri Jayawardhanapura)	Ms. S.A.A.H. Samaraweera B.Sc.(Hons) in Computer Science (Jaffna)

Department of Mathematics	
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Mr. S.R. Gnanapragasam (on study leave) B.Sc. (Peradeniya); M.Sc. (Moratuwa); M.Sc. (Peradeniya)	Ms. N.A.M.R. Senavirathna B.Sc.(Sri Jayewardenepura); M.Sc. (Moratuwa)
<u>Dr. M.F.M. Sabri</u> B.Sc. (Colombo); M.Sc ; Ph.D . (Tohoku, Japan)	Mr. M.K.A.J. Maldeniya B.Sc.(Sri Jayawardhanapura); M.Sc.(NMSU,USA); M.Phil (Sri Jayawardhanapura)
<u>Mr. U. Angammana (KRC)</u> B.Sc.(Peradeniya); M.Sc (Sri Jayawardhanapura)	Mr. K.A.S.N. Fernando B.Sc. (Kelaniya); PG Dip.in Appl. Stat. (Colombo); M.Sc. (Colombo)
<u>Ms. S.M.N.S.K. Seneviratne</u> B.Sc. (Hons) (Peradeniya);M.Sc. (North Carolina)	<u>Ms. D.B.D. Chamaleen (on study leave)</u> B.Sc. (honours) (Jaffna); M.Phil (Lahore)
Dr. C.W. Sahabandu (on study leave) B.Sc. (Hons) (Peradeniya) ; Ph.D (Peradeniya)	Mr. M. I. Irshad (JRC) B.Sc. (EUSL)

#### **Department of Physics**

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M.Sc (PGIA, Peradeniya); Ph.D. (Colombo)	M.Inst.P. (UK), MIPSL
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Chartered Physicist	Chartered Physicist; Ph.D. (Madras)
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Dr. H.K. Wasana Isuri Jayawardana	Dr. G.D. Illeperuma
B.Sc.(Colombo); M.Phil.(Colombo);	B.Sc. (Colombo); B.I.T.; M.I.P (SL);
Ph.D. (Colombo)	Ph.D. (Colombo)
Mr. H.M.P.S. Herath (ARC)	Dr. H.V.U.A. Abeywickrama
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Dr. U.G.D. Maduranga (MRC) B.Sc.(Ruhuna); Ph.D. (Colombo)	

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#### **Department of Zoology**

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<u>Ms. E.M.M.W. Kalpani. O. Bandaranayake</u> B.Sc.(Peradeniya); M.Phil.(Peradeniya) Prof. Gaya Ranawaka B.Sc. (Colombo) ;DIC , Ph.D. (London)

Prof. K.H. Jayawardena B.Sc. (Kelaniya);M.Phil.(Colombo);Ph.D Colombo); M.I.Biol. (SL); C.Biol (SL) , F. Bio.(SL)

<u>Mrs. K. C. Weerakoon (KRC)</u> B.Sc.(Peradeniya); M.Phil. (Peradeniya)

Dr. C. D. Jayasinghe B.Sc. (Colombo); M.Sc. (Osaka, Japan); Ph.D.(Colombo);M.I.Biol. (SL)

Dr. D.D.G.L. Dahanayake B.Sc.(Kelaniya);M.Phil.(Kelaniya); Ph.D.(Ibaraki,Japan); M.I. Biol (SL)

Dr. W. W. P. Rodrigo B.Sc.(OUSL); M.Sc.(Peradeniya); Ph.D.(Colombo); M.I.Biol. (SL); C.Biol.(SL)

Dr. K.V.S.N. Bandara B.Sc (Kelaniya); M.Sc (Chinese Cultural University) ; Ph.D (Kelaniya)

## 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, Batticaloa, Anuradhapura and Matara Regional Centres, where you have the opportunity to engage in practical work. 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 - <u>www.moe.gov.lk</u>).

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Head/Botany	0112881134	hdbot@ou.ac.lk
Head/Chemistry	0112881385	hdchem@ou.ac.lk
Head/Computer Science	0112881097	hdcs@ou.ac.lk
Head/Mathematics	0112881309	hdmaths@ou.ac.lk
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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	jijay@ou.ac.lk
Faculty Coordinator/ Batticaloa	0652222264	mathushikaj@gmail.com
Faculty Coordinator/Jaffna	0212223374	pjjud@ou.ac.lk
Asst. Registrar/Natural Sciences	0112881226	arnsc@ou.ac.lk

#### Appendix 1- Contact Telephone Numbers and email addresses

Centre	Code	Address (Telephone)	
	Regional Centres (RC)		
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, 18/1, Bandaranayaka Mw, Badulla, (055-2228842)	
Kurunegala	NW70	OURC, Negombo Rd, (Nissanka Mw Junction), Malkaduwawa, Kurunegala (037-2223473)	
Ratnapura	SG90	OURC, 397, New Town, Ratnapura (045-2228660)	
Study Centres (SC)			
Ambalangoda	SP31	80/1, Polwatte Road, Halwatura,Ambalangoda (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	St. Gabriel Convent, Hatton (051-2225139)	
Kalutara	WP12	66/2, Nagoda Road, Kalutara (034-2223399)	
Kegalle	SG91	Kumaratunge Munidasa Mawatha, Kegalle (035-222501)	
Moneragala	UP82	Technical College Junction, Sirigala, Potuvil Road, Moneragala(055-2277395)	
Naththandiya	NW73	Marawila Road, Naththandiya (0322060405)	
Polonnaruwa	NC51	24th 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	155th Mile Post, Kandy Road, Killinochchi (021-2283970)	
Trincomalee	EP62	26/A, Post Office Rd, Trincomalee (026-2222088)	
Mullaitivu	NP43	Oddusuddan Road, Puthukkudiyiruppu, Mullaithivu.	
Mannar	NP44	OUSC, RDS Building, Minor Seminary Road, Chavatkaddu, Mannar. (0232-251999)	

### Appendix 2- Locations of Regional and Study Centres

### **Appendix 3- Instructions for ONLINE Application**

#### APPLICATION for the BSc Degree Programme online (via internet)

 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. 500/= by cash or credit/debit card

Sample Online Application form

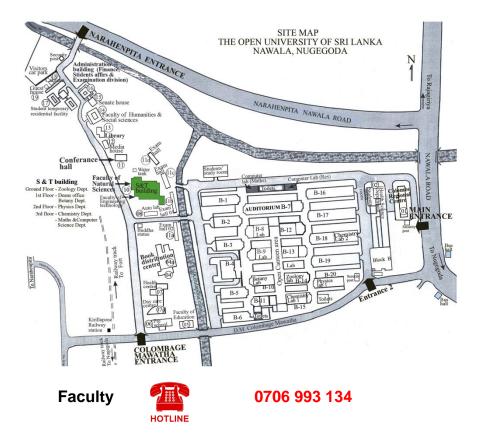
Mandatory fields , pbb .	*Mandatory fields - aðð szín azlösball., BÚLLEUL BUBI		
Account Details	Account Details		
You can use your own Ur	sername and Password , A password must have at least six (6) characters.		
Usemame*			
Password*			
Confirm Pasaword*			
Townsetsut: Disase web	e-down your "username" and "password" and keep securely for future use		
	e-down your 'username' and 'password' and keep securey for future use " ee "password" gasties base site orfe.		
Personal Details			
Tite *	Select *		
Initial"	Eg:- A, B, C.		
Last Name*	Eg:- Perera		
Name Denoted by Initials*			
Address line 1*	Ist line of your address,880ថា ភូមិភាព។ ២៩ខ្លាំថាភ្លាប់ រាងសារា (ហ្វាតណាអ៊ី ist ណាអ៊ី		
Address line 2*	2nd line of your address,8564 ക്രമംട് ഫ്രെക ഷേപ്പം കംബ്മെക്ക് ഗ്രാക്കണ്) 2 ഖള്യ ഖട്ടി		
Address line 3	3rd Ene of your address.ඔබසේ දිසිකයේ තුන්වන පෙලිය .කාර්කණ් (හුනකාරි) 3 කානු කාරි		
District.*	Select		
NC/Passport No*			
Date Of Birth*	Day w Honth w Year w E		
Gender	Lam		
Email	Your Email or any other		
Telephone -Nobile*	Your Mobile or any other		
Telephone -Fixed			
Country	Sri Lanka		

### Programme Calendar 2024/2025

Activity and Venue	Date	
Open days		
Open Day 1 (Online)	07.03.2025 Time: 9.30 a.m – 12.30 p.m	
Open Day 2 (Onsite) Colombo Regional Centre (CRC) Kandy (KRC), Matara (MRC), Jaffna (JRC), Batticaloa (BRC) , Anuradhapura (ARC)	29.03.2025 Time: 9.30a.m – 12.30 p.m	
Orientation /Counselling		
CRC, KRC, MRC, JRC, BRC, ARC	08.04.2025 and 26.04.2025 (Onsite)	
Registration		
CRC	2,3,4,5,6,12,13,14 June 2025	
KRC,JRC,MRC & BRC	3,4,5,12,13,14 June 2025	
ARC	4,5,13 &14 June 2025	
Rathnapura Regional Centre (RRC), Kurunegala Regional Centre (KURC) Badulla Regional Centre (BaRc)	5,14 June 2025	
Late Registration		
CRC KRC, JRC, MRC, BRC, ARC, KuRC, BaRC, RRC	19.06.2025 and 20.06.2025 (onsite)	
Add / drop courses		
CRC/BRC/JRC/MRC/KRC/ARC	01.08.2025 and 02.08.2025 (onsite)	
Drop courses		
CRC only	13.09.2025 (onsite)	
Commencement of Semester 1	EAP - July 2025 ICT SKILLS - May 2025 ACADEIC ACTIVITIES -19.06.2025	

### **Important Notice**

If you have not received the package calling you for Registration on or before 15.05.2025 for **BSc Degree Programme**, please contact Senior Assistant Registrar/Student Affairs on **0112881205** or Assistant Registrar Faculty of Natural Sciences **0112-881226** at your earliest. You must attend the relevant registration session as mentioned.



#### WHY SELECT THE OUSL FOR A DEGREE IN SCIENCE?

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Attend an Open Day / Orientation Session to FIND OUT MORE....

Faculty of Natural Sciences PO Box 21, Nawala, Nugegoda Sri Lanka 011 2822738/ 011 2881226 www.ou.ac.lk