



The Open University of Sri Lanka



# Advanced Certificate in Science

**Foundation Courses for Science and  
Engineering Degree Programmes**

## **Studying at The Open University of Sri Lanka**

The Open University of Sri Lanka (OUSL) is the premier National University in the country which offers degree/ diploma/ certificate programs and other courses through open and distance learning methodology.

The “Advanced Certificate in Science” offered by the OUSL provide an opportunity for any person who wishes to obtain a degree in Science or Engineering. Pass in Advanced Certificate in Science is accepted in lieu of G.C.E. Advance Level passes required for admission to the relevant the Degree Programmes of The Open University of Sri Lanka.

### **Entry requirements for Advanced Certificate in Science**

1. At least six (6) passes at G.C.E (O/L) examination including Mathematics and Science, **or** any other higher qualification acceptable to the Senate.
2. Over 18 years of age

### **Medium of Instruction**

All three national languages (Sinhala, Tamil and English)

### **Programme Duration**

2 Years (Part 1 - one year and Part 2 -one year)

## Programme Structure

The subjects offered under the Advanced Certificate in Science are Biology, Chemistry, Mathematics and Physics. Students who complete three subjects in Part 1 and Part 2 (6 courses in Part 1 and 6 courses in Part 2) are qualified to register for Science or Engineering Degree programmes at the OUSL.

Part 1 (First year)			Part 2 (Second year)		
Course Code	Course Title	Credits rates	Course Code	Course Title	Credits rates
Semester 1			Semester 1		
MHF2519	Mathematics 1	5	MHF2521	Mathematics 3	5
TAF2523	Physics 1	5	TAF2525	Physics 3	5
CYF2515	Chemistry 1	5	CYF2517	Chemistry 3	5
BYF2511	Biology 1	5	BYF2513	Biology 3	5
Semester 2			Semester 2		
MHF2520	Mathematics 2	5	MHF2522	Mathematics 4	5
TAF2524	Physics 2	5	TAF2526	Physics 4	5
CYF2516	Chemistry 2	5	CYF2518	Chemistry 4	5
ZYF2512	Biology 2	5	ZYF2514	Biology 4	5
Total for Part 1		30 *	Total for Part 2		30 *

(\* Each student may register for up to three disciplines only)

Students who wish to pursue a **Degree in Science** stream should complete Physics and Chemistry with Mathematics or Biology at the Advanced Certificate in Science.

Students who wish to pursue a **Degree in Engineering** should complete Physics and Chemistry with Mathematics at Advanced Certificate in Science.

## Criteria of Exemptions

Students who followed the Physical or Biological science streams at the G.C.E.(A/L), but unsuccessful, can sit the exemption test conducted by the OUSL and successful candidates will be exempted from First year (Part 1) courses as mentioned below.

A student having a minimum of Simple Pass (S) for a relevant subject in the GCE (A/L), may claim exemptions for Parts 1 and 2 courses of the relevant discipline of the Advanced Certificate in Science programme, subject to acquiring a minimum of 50% of the total credit requirement by successful completion of courses.

Courses to exempted		Criterion
Course	Code	
Mathematics 1 Mathematics 2	MHF2519 MHF2520	Followed the GCE (Advanced Level) Combined Mathematics/Pure Mathematics and Applied Mathematics; or an equivalent subject as approved by the relevant Faculty and at least 40% of the marks at the Exemption Test conducted by the OUSL.
Physics 1 Physics 2	TAF2523 TAF2524	Followed the GCE (Advanced Level) Physics or an equivalent subject as approved by the relevant Faculty and at least 40% of the marks at the Exemption Test conducted by the OUSL.
Chemistry 1 Chemistry 2	CYF2515 CYF2516	Followed the GCE (Advanced Level) Chemistry or an equivalent subject as approved by the relevant Faculty and at least 40% of the marks at the Exemption Test conducted by the OUSL.
Biology 1 Biology 2	BYF2511 ZYP2512	Followed the GCE (Advanced Level) Biology/Botany and Zoology; or an equivalent subject as approved by the relevant Faculty and at least 40% of the marks at the Exemption Test conducted by the OUSL.

## Award of the Advanced certificate in science

A student successfully acquiring a minimum of sixty (60) course credits in three disciplines, shall be awarded the Advanced Certificate in Science.

Student shall acquire the above course credit requirements within a minimum period of two (02) academic years and a maximum period of six (06) consecutive academic years from the date of first registration considered for the award of the Advanced Certificate in Science. However, the minimum period of two (02) academic years for completing the Programme shall be applicable only for the students admitted to the Programme without exemptions.

## Fee Structure

The tuition fee for one subject (10 credits) is Rs.11,000. The tuition fee can be paid in installments. The first installment should be paid at the time of registration with the registration fee and facility fee of Rs.8,500.

Number of courses (Part1/2)	Registration & Facility Fee (Rs.)	Payment at the time of Registration (Rs.)	2 <sup>nd</sup> Installment (Rs)
1-Subject (10 Credit)	1,900.00	8,500.00	4,400.00
2- Subjects (20 Credit)	1,900.00	15,100.00	8,800.00
3- Subjects (30 Credit)	1,900.00	21,700.00	13,200.00

## Applications

Online Applications are available from

Those who need assistance in filling the online application form can visit any one of the following OUSL Regional and Study Centers to obtain information and assistance in the online application process. Colombo (Nawala), Anuradhapura, Batticaloa, Jaffna, Kandy (Polgolla), Matara (Nupe), Badulla, Kurunegala, Ambalangoda, Ampara, Bandarawela, Gampaha, Galle, Ambalantota, Hatton, Trincomalee, Kilinochchi, Mulative, Kalutara, Kegalle, Monaragala, Polonnaruwa, Puttalam, Ratnapura and Vavuniya

## Exemption Test

Exemption Test scheduled to be held on  in all Regional and study centers of the OUSL

Admissions for the Exemption Test can be downloaded by the applicants, after receiving the notification SMS from the Open University of Sri Lanka

## Online Application Process Guide

**STEP 1-** First you need to create an online login account. Then only you can proceed to submit your application online.

- In the internet browser type: [payment.ou.ac.lk](http://payment.ou.ac.lk) or In the OUSL homepage ([www.ou.ac.lk](http://www.ou.ac.lk)) click on the 'Apply Online' It will direct you following screen
- Register ONCE by creating a new account. In order to do this, click on "create new account" as per the instructions given in the page
- If you are an existing OUSL student with a previous online account with us, simply enter your login account details below (i.e.. Username and Password) and click 'Login' to proceed.



## The Open University of Sri Lanka Online Application Process

### 1. New Applicants

If you are a new applicant for an OUSL programme, you should only register once by creating a new account. To do that, click [Create New Account](#). Once you create your account, you can log in by entering your Username and Password.

### 2. Returning Applicants

If you are an existing OUSL student with a previous on-line account with us, simply enter your login account details below (ie. Username and Password) and click 'Login' to proceed.

Username

Password

Login

[Create New Account](#)

- You need to provide information considered as MANDATORY including username and password as per the instructions given in the page and submit (sample screen shown in the below).

## New User Creation

**\*Mandatory fields** , **අමෙකරණ කළ යුතු ක්ෂේත්‍ර**, **கட்டாய தரவு**

### 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**

දැනගන්න : ඔබගේ "username" සහ "password" සුරක්ෂිතව ගබඩා කර 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\*

E mail\*

Telephone -Mobile\*

Telephone -Fixed

Country

☐ I have double checked the above mentioned details and they are correct according to my knowledge(මාගේ සඳහන් කර ඇති සියලුම තොරතුරු මා දන්නා පරිදි නිවැරදි බවට සහතික කරමි .)

Create Account

Reset

**STEP 2-** If you are successfully created the account or you are an existing OUSL student with a previous on-line account with us, simply enter your login account (ie. Username and Password) and click ‘Login’ to proceed in login screen.

- After successfully login , click on “Add New Application” button in the main menu,

Welcome to The Open University of Sri Lanka On-line Application System

Logged as 123456@ Thursday, 27th September 2018

My Application Details

No previous application(s) found, Please click [Add New Application](#) for new application

No	App No	Programme	Application Fee	Date Applied	View	Payment	Selection Test Admission	Docs & Past papers
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- Then you will direct in to flowing screen and here you need to select Foundation Program and your preferred center and medium.

Welcome to The Open University of Sri Lanka On-line Application System

Logged as 123456@ Wednesday, 26th September 2018

### On-line Application

**Please Fill the Application Details**

Fill the mandatory fields which are mentioned as \*.If you need to edit the personal details, go to "Edit Account Details" from the main menu.

**Programme Data**

Please read the brochure carefully before applying ( [Upcoming programmes](#) )

Program\*

Preferred Center\*

Medium\*

**Personal Data**

Title

Initial

LastName

Name Denoted by Initials

Address line 1

Address line 2

Address line 3

District\*

NIC/Passport No

Date of Birth

E mail

Telephone -Mobile

Telephone -Fixed

Country code

Civil Status

(Enter subjects separated by commas (,) Eg:- English A, Maths B, etc.. )

GCE O/L

(Enter subjects separated by commas (,) Eg:- Biology B, Chemistry A, etc.. )

GCE A/L\*

(Enter Work Experience separated commas (,))

Work Experience

(Enter Qualifications separated by commas (,) Eg:- Details of the Degree, University and Year etc.. )

Other Qualifications

Before you click the "Apply and Pay" button, please double check your application--particularly the **Preferred Center** and the **Medium of Study**. Once you apply, you cannot change application details.

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- **IMPORTANT** -For the subject combination and for the exemption test you need to put the correct subject code number in **OTHER QULIFICATION BOX** in the below part of the screen.



Country code: LK

Civil Status: Select

(Enter subjects separated by commas (,) Eg:- English A, Maths B, etc.. )

GCE O/L:   
 Please indicate all subjects including PASS and FAIL

(Enter subjects separated by commas (,) Eg:- Biology B, Chemistry A, etc.. ) **For foundation students only: Please include all the subjects followed at GCE(A/L)**

GCE A/L\*:   
 EXAMPLE: BIOLOGY A, CHEMISTRY F, PHYSICS S

(Enter Work Experience separated commas (,))

Work Experience:   
 Indicate the subject code which you fail at GCE (A/L)

(Enter Qualifications. **For foundation students only :- Foundation programme subject codes: 1 for Biology, 2 for Chemistry, 3 for Mathematics, 4 for Physics**)

Other Qualifications: 2

Before you click the "Apply and Pay" button, please double check your application--particularly the **Preferred Center** and the **Medium of Study**. Once you apply, you cannot change application details.

Apply & Pay Reset

## SUBJECT CODE AS FOLLOWS FOR THE EXEMPTION TEST

**1 FOR BIOLOGY, 2 FOR CHEMISTRY, 3 FOR MATHAMATICS, and 4 FOR PHYSICS**

**Example:** IF YOUR GCE (A/L) RESULTS AS BIOLOGY A, CHEMISTRY F, AND PHYSICS S . YOU SHOULD FILL ABOVE GCE (A/L) BOX AS BIOLOGY A, CHEMISTRY F, PHYSICS S AND OTHER QUALIFICATIONS BOX AS 2 ( FAIL SUBJECT CODE 2 FOR CHEMISTRY )

- If you do not have GCE A/L indicate "NO" in GCE A/L BOX.

Then Click apply & pay button and confirmed the application

### STEP 3 - Application Fee Payment

- Then you automatically direct the payment method selection screen as shown in the below screen.
- Select the payment method as your preference and proceed with the instruction given in the page

**Select Your Payment Method**

 <p><b>Credit Card Payment</b></p> <p>Credit Card Payment Instructions</p> <ol style="list-style-type: none"> <li>1. Click the Credit card payment option above.</li> <li>2. You can use credit/debit card (on-line payment activated) for payments.</li> <li>3. We accept only "Mastercard" or "Visa" type credit/debit cards</li> </ol>	 <p><b>Cash Payment</b></p> <p>Cash payment Instructions</p> <ol style="list-style-type: none"> <li>1. Click the Cash payment option above.</li> <li>2. Note the application number which will display under the application details.</li> <li>3. Make the payment to a OUSL center and make sure to obtain payment receipt.</li> </ol>
 <p><b>eZ Cash Payment</b></p> <p>eZ Cash payment Instructions</p> <ol style="list-style-type: none"> <li>1. Click the eZcash payment option above.</li> <li>2. Enter a valid Dialog eZcash number and pin code.</li> <li>3. Click submit to pay.</li> </ol>	 <p><b>mCash Payment</b></p> <p>mCash payment Instructions</p> <ol style="list-style-type: none"> <li>1. Click the mCash payment option above.</li> <li>2. Enter a valid Mobitel mCash number and pin code.</li> <li>3. Click submit to pay.</li> </ol>

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