



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)

Course 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	CYF2518	Physics 4	5
CYF2516	Chemistry 2	5	TAF2526	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 Combined 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 (Level 1) courses as mentioned below.

Courses to exempted		Criterion
Course	Code	
Mathematics 1	MHF2519	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.
Mathematics 2	MHF2520	
Physics 1	TAF2523	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.
Physics 2	TAF2524	
Chemistry 1	CYF2515	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.
Chemistry 2	CYF2516	
Biology 1	BYF2511	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.
Biology 2	ZYF2512	

Fee Structure

The tuition fee for one subject (10 credits) is Rs.10,000. 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.7,900.

Number of courses (Part1/2)	Registration & Facility Fee (Rs.)	Payment at the time of Registration (Rs.)	2 nd Installment (Rs)
1-Subject (10 Credit)	1,900.00	7,900.00	4,000.00
2- Subjects (20 Credit)	1,900.00	13,900.00	8,000.00
3- Subjects (30 Credit)	1,900.00	19,900.00	12,000.00

