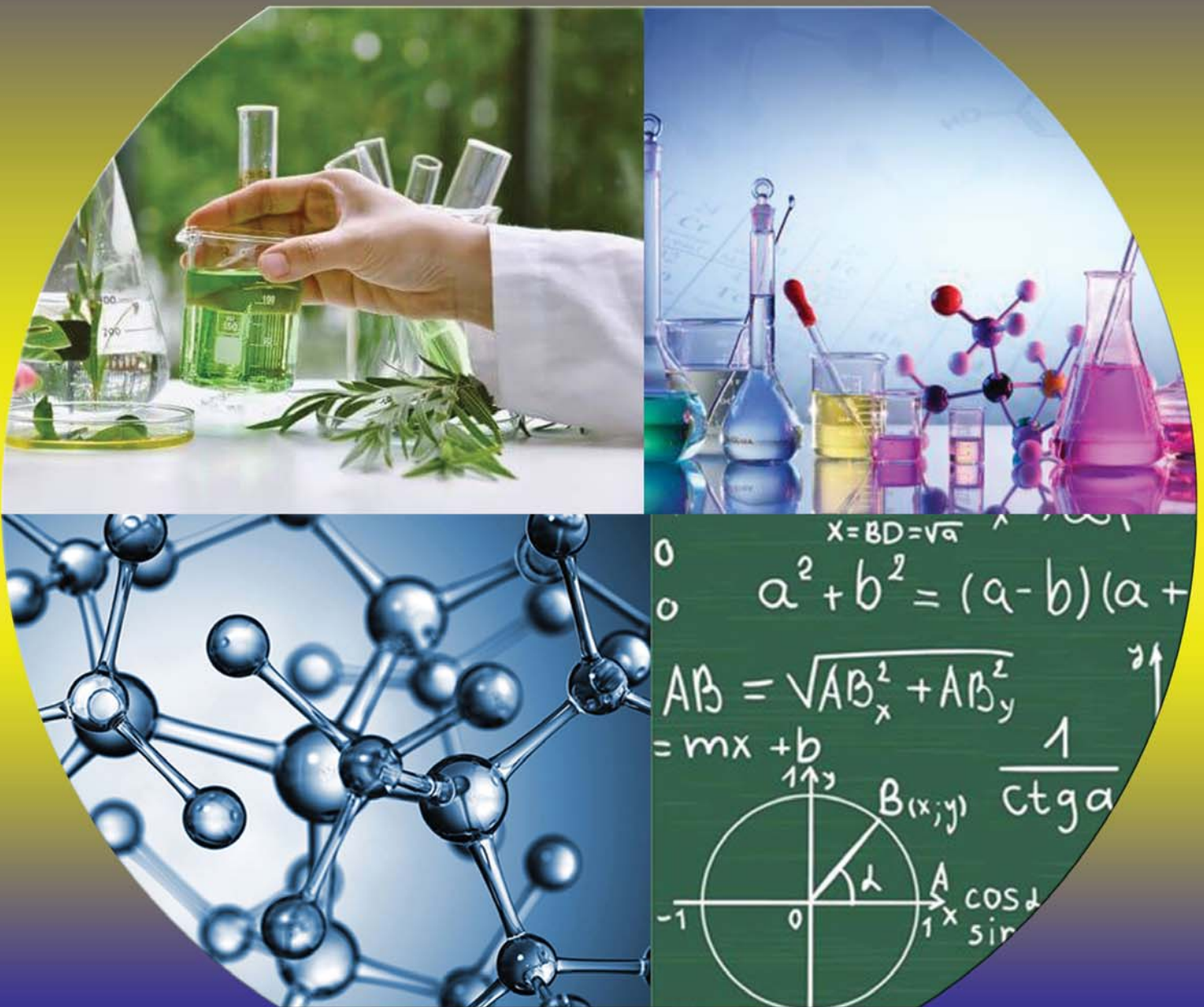


Advanced Certificate in Science

Foundation Courses for Science and Engineering Degree Programmes



The Open University of Sri Lanka

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Message from the Dean



Prof. G.W.A. R. Fernando
Senior Professor in Geology

B.Sc.; M.Phil (Peradeniya)
Ph.D. (Mainz, Germany)

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On behalf of the Faculty of Natural Sciences of the Open University of Sri Lanka (OUSL), let me welcome you to our university to pursue your higher studies and fulfill your educational aspirations. I am pleased that you have chosen a Science degree programme offered by Sri Lanka's only Open and Distance Learning University, to obtain the skills and qualifications required to succeed in any competitive environment. Your science studies can start your journey to become a scientist or science-based professional in the 21st century.

The Faculty of Natural Sciences at OUSL has over 30 years of experience delivering Bachelor of Science degree programmes through Open and Distance Learning (ODL) methodologies. Due to the nature of its teaching methodology and infrastructure, the OUSL is successfully able to serve a large student population spread throughout the country with more than 100 permanent academics employed in almost all Regional Centres. Currently Faculty of Natural Science offers a wide range of quality academic programmes in varying disciplines in sciences. You can choose from a collection of programmes leading to Certificates, Diplomas, Degrees and PostGraduate qualifications based on your interest and career prospects.

The degrees awarded by the OUSL are recognized by the University Grants Commission (UGC) and are given the same recognition as those awarded to students studying at other Sri Lankan national universities. The courses offer is suited to all those who wish to obtain up-to-date knowledge, skills and insight into the various disciplines of science to meet the challenges of today's dynamic, complex and competitive environment. Further, your training in the sciences involves not only acquiring new knowledge, but also applying findings to improve our world, and developing the critical reasoning and problem-solving skills required to use scientific knowledge wisely. It will equip you with the ability to contribute to the new frontiers in science discovery. All of our programmes are specially designed to suit those with other commitments such as full-time employment, financial obligations and family commitments. 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.

To date, the Faculty of Natural Sciences at OUSL has very successfully educated thousands of individuals throughout the country. Our learner support system will guide you and assist you at every stage of your academic career from your very first day of registration up to completion of the programme.

Going to university is a challenge. Being a distance learner can be even more challenging. As I mentioned earlier, you have the flexibility to choose the place, time and space at which you will pursue your studies at the OUSL. However, you should be self-motivated, persistent, learn to work independently, learn to manage your time and determined to work hard to complete your studies.

This undergraduate handbook 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 Advanced certificate in Science as a path to your undergraduate studies. at the Faculty of Natural sciences of the OUSL and warmly welcome you as part of our undergraduate student community. Please go through the information to find out 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 endeavors.

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

Message from the programme coordinator



Mr. D.R. Kulatunge
Senior Lecturer

BSc(Peradeniya)
M.Sc. (Colombo)
M.Phil. (OUSL)
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A warm welcome to the Advance Certificate in Science, Faculty of Natural Sciences and The Open University of Sri Lanka

Congratulation on choosing an Advance Certificate in Science (ACS) programme offered by Sri Lanka only single mode distance teaching University to obtain the qualification required to enter the Bachelor of Science (B. Sc) or Bachelor of Technology (B. Tech) programmes. The Faculty of Natural Sciences has over 35 years' experience in wide range of quality distance learning programmes in varying disciplines of science. Advance Certificate in Science provide an avenue for students to complete the entry requirements for Degree programmes in OUSL. Degrees awarded by the OUSL are equally recognized to those awarded to student's study face to face at the Sri Lankan national Universities. The courses on offer are suited for those who desire to obtain up-to date knowledge, skills, and insights in the various disciplines of science.

During the past three decades we have educated thousands of individuals throughout the country. Our learner support systems (LMS) will assist you at every stage of your academic carrier. You will be guided and encouraged by a team of highly qualified staff to develop into successful distance learners.

Going to University can be a big step for any new student, young or old. Being a distance learner can be an added challenge initially, especially if you have not studied for some time or have not studied by distance learning. You will need to be a self-motivated and enjoy working independently to successfully meet the challenges of studying in the distance mode. The Open University of Sri Lanka, it describes essential information for new students of ACS programme

I thank you for choosing the faculty of Natural Sciences for your studies and warmly welcome you as part of our student community. The faculty is committed to provide you an inspiring learning experience that will ultimately give a real sense of achievement for you

On behalf of the ACS programme coordinator, I wish you good luck and every success in your studies.



The Open University of Sri Lanka

The Open University of Sri Lanka (OUSL) is one of the national universities in Sri Lanka established in 1980 under the Universities Act no. 16 of 1978. This is the only state university in Sri Lanka where students may pursue further education solely through the Open and Distance Learning (ODL) mode. The OUSL has the same legal and academic status as any other national university in Sri Lanka. As per the public administration circular no. 16/92, dated 13.03.1992 issued by the Ministry of Public Administration, Provincial Councils, and Home Affairs, the degrees awarded by the OUSL are treated as equivalent to degrees awarded by the other universities under the purview of the University Grants Commission

Vision

“To attain excellence in life-changing education by providing equitable learning opportunities “

Mission

“To provide lifelong learning opportunities through Open, Distance and Flexible Education with a commitment to excellence in teaching and research”

OUSL at a glance..

All our programmes have been developed complying with guidelines specified in the Sri Lanka Qualification Framework (SLOF).

The teaching methodology and infrastructure of the OUSL have enabled it to provide opportunities for a large number of students scattered throughout the island.

FACULTIES



Natural Sciences
Engineering Technology
Education
Management Studies
Health Sciences
Humanities and Social Sciences

ACADEMIC PROGRAMMES



Certificate programmes
Diplomas
Degrees
PG Diplomas
Masters Degrees
Master of Philosophy (MPhil)
Doctor of Philosophy (PhD)

REGIONAL CENTRES



9 Regional Centers
19 study Centers

Colombo (CRC) Nawala
Kandy (KRC)
Matara (MRC)
Kurunegala (KuRC)
Batticaloa (BRC)
Anuradhapura (ARC)
Badulla (BaRC)
Rathnapura (RRC)

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

Academic Administration of Advanced Certificate in Science (ACS)

484th Council of the Open University held on 25th February 2022 has decided to transfer the administration, academic management, delivery and assessment and evaluation of the advanced certificate of science programme of the Foundation Academic Unit to the Faculty of Natural Sciences with effect from 7th February 2022. [Council Memo No: VV/484/12

All the Correspondence of the Programme has to come to Faculty of Natural Sciences

Dean/Faculty of Natural Sciences (deannsc@ou.ac.lk) 0112 881 258

Assistant Registrar or arnsc@ou.ac.lk 0112 881226

Programme Coordinator drkul@ou.ac.lk 0112 881404

Project Assistant 0112881464

Advanced Certificate in Science 2021/22

Offered by The Open University of Sri Lanka provide an opportunity for any person who wishes to obtain a Degree in Science or Engineering



Advanced Certificate in Science

To Whom.....

Advanced Certificate in Science (ACS) is suitable for any person who wishes to study a discipline or earn an entry qualification to pursue a relevant Degree programme.

Completion of ACS is accepted in lieu of G.C.E. (A/L) passes, which are required for admission to the relevant Degree Programmes offered by The Open University of Sri Lanka



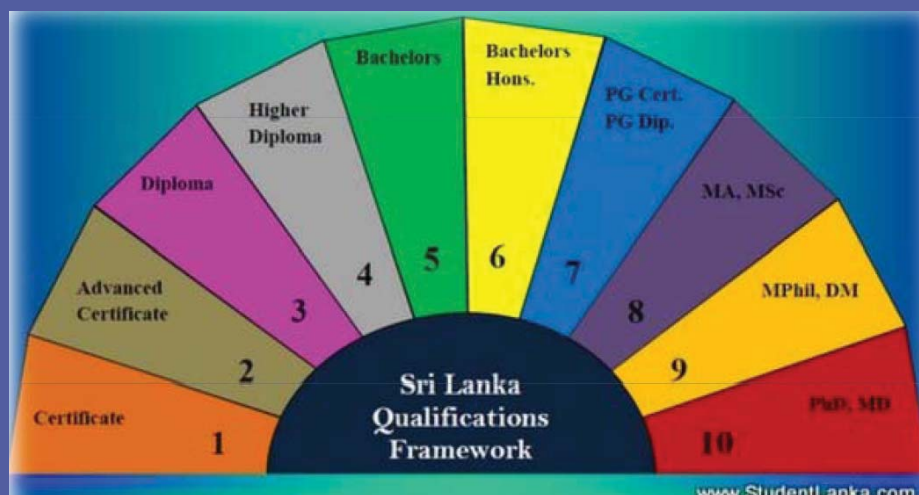


Qualification Levels in SLQF

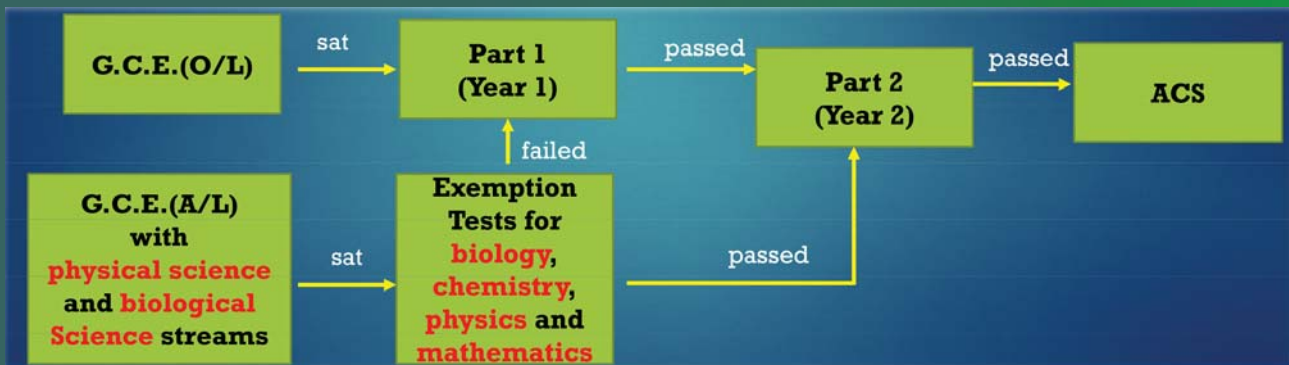
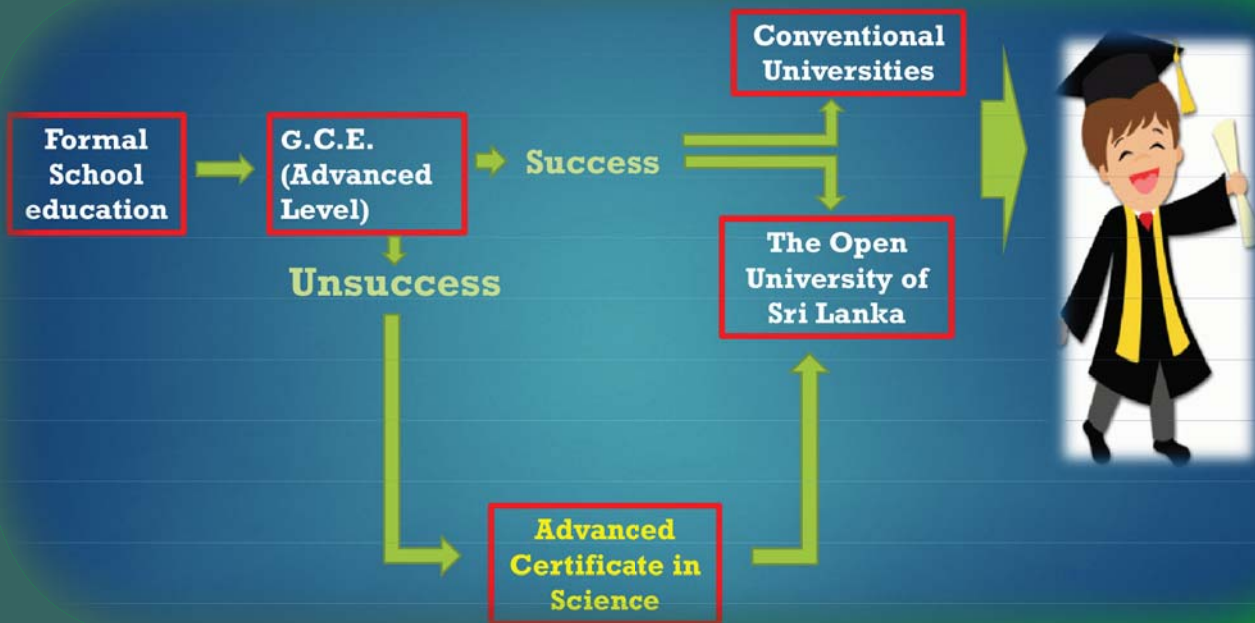
Advanced Certificate in Science

- ACS is a Level 2 Programme according to the Sri Lanka Qualifications Framework (SLQF) and
- Level 4 of the National Vocational Qualifications (NVQ)

SLQF Level	Qualification awarded	Comparable NVQ Levels
12	Doctor of Philosophy / MD with Board Certification/Doctor of Letters/Doctor of Science	
11	Master of Philosophy	
10	Masters with course work and a research component	
9	Masters by course work	
8	Postgraduate Diploma	
7	Postgraduate Certificate	
6	Bachelors Honours	
5	Bachelors	7
4	Higher Diploma	6
3	Diploma	5
2	Advanced Certificate (GCE A/L or equivalent)	4
1	Certificate (GCE O/L or equivalent)	3
		2



(Source: University Grants Commission (UGC) 2015)



Advanced Certificate in Science (ACS)

Entry requirements

- At least six (06) passes at the G.C.E (O/L) examination including Mathematics and Science, or equivalent local /foreign qualification from a recognized University/ institute, or
- Any equivalent or higher qualification acceptable to the Senate.
- Exemptions shall be granted for Part 1 courses, if students have followed the relevant subject in the GCE (A/L) and obtain at least of 40% overall marks at the Exemption Tests conducted by the OUSL.
- Over 18 years of age

Medium of Instruction

All three national languages (Sinhala, Tamil and English)

Programme Duration

2 Years (Level 2 part 1 and Level 2 part 2)

Eligibility for Admission of specific Academic Programmes

Eligibility for Admission to the Programme of Study of Bachelor of Science

A person seeking admission to the Programme of Study leading to the award of the Degree of Bachelor of Science shall be required to have.

1. a minimum of three (03) Pass grades at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, in three (03) science subjects, from among Applied Mathematics, Biology, Botany, Chemistry, Combined Mathematics, Higher Mathematics, Mathematics, Physics, Pure Mathematics, and Zoology, acceptable for the selection of three disciplines at Level 3, OR,
2. a minimum of three (03) Pass grades at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, in three (03) science subjects, from among the subjects specified under section 2.1.1. of this regulation, including the science subjects, Agricultural Science and Information and Communication Technology acceptable from the academic year 2021/2022 for the selection of three disciplines at Level 3, OR,
3. pass grades in all the courses offered in three (03) science subjects, from among Applied Mathematics, Biology, Botany, Chemistry, Mathematics, Physics, Pure Mathematics and Zoology, in Advanced Certificate in Science or equivalent programme offered by the Open University of Sri Lanka, acceptable for the selection of three disciplines at Level 3, OR,
4. a minimum of three (03) Pass grades in three (03) science subjects, obtained from the combination of Sections 1, 2 and 3. of the Regulation, acceptable for the selection of three disciplines at Level

Bachelor of Science degree programme

A combination of GCE (A/L) results in any sittings + courses passed from Advanced Certificate course can be used as admission requirement for BSc degree programme

E.g.1 If a student pass Biology in GCE (A/L) and passed chemistry and physics in ACS programme, the student can combine these results to admit for BSc degree programme

E.g.2 If a student pass Agricultural Science in GCE (A/L) and passed chemistry and biology in ACS programme, the student can combine these results to admit for BSc degree programme

Eligibility requirements for degree programmes offered by Faculty of Engineering Technology

For Programme of Study of Bachelor of Engineering Technology

You need to obtain the Advanced Certificate of Science Certificate or three passes in GCE (A/L) in one sitting (chemistry, physics, Combined mathematics)

If you have done your GCE A/Ls in the Physical Sciences Stream If you have one pass in GCE (A/L)/two passes in GCE (A/L), we recommend that you sit the you need to sit for exemption test for all three subjects and pass the exemption test for all three subjects Passing the exemption tests may give you the opportunity to claim up to 50% of course credits as exemptions, which may enable you to complete the programme within a minimum one year period.

If you have sat GCE (A/L) with chemistry, physics, Combined mathematics and NO passes in GCE (A/L), you need to sit for exemption test for all subjects and pass the exemption test for all three subjects (Level 2 part 1 will be exempted) and register for Level 2 part 2 courses. If you pass the courses in Level 2 part 2, you can get 50% exemptions and obtain the Advanced Certificate of Science Certificate to register for BTec degree (can complete the ACS in one year)

All other students who do not fall into both above categories, will have to register for Level 2 part 1 (first year) and pass it and could sit for Level 2 part 2 (second year) (can complete the ACS in two years)

BTech:2.1.1 Obtained passes in the subjects, Combined Mathematics, Physics and Chemistry at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, in one and the same sitting or

2.1.2 Obtained the Advanced Certificate in Science with courses in the disciplines of Mathematics, Physics and Chemistry, offered by The Open University of Sri Lanka or, Bachelor of Software Engineering: Obtained passes for any three subjects at the General Certificate of Education (Advanced Level) Examination, Sri Lanka, excluding General English and General Information Technology subjects, or,

2.1.2. Completed any Advanced Certificate programme offered by the Open University of Sri Lanka, or,

Bachelor of Industrial Studies (Textile): obtained three passes in any stream, at the General Certificate of Education(Advanced Level) Examination, Sri Lanka, in one sitting, or,

Bachelor of Industrial Studies (Agriculture)

A person seeking admission to the programme leading to the award of the Degree of Bachelor of Industrial Studies Honours in the specialization in Agriculture shall be required to have, i. obtained a pass from Biology at the General Certificate in Education (Advanced Level) Examination, Sri Lanka and any other two subjects from among the subjects Chemistry, Physics, Combined mathematics and Agriculture in one sitting, or ii. Obtained, a pass from all biology courses and any other two disciplines of all the courses of chemistry, physics or mathematics at the foundation courses offered by the Open University of Sri Lanka, or



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.

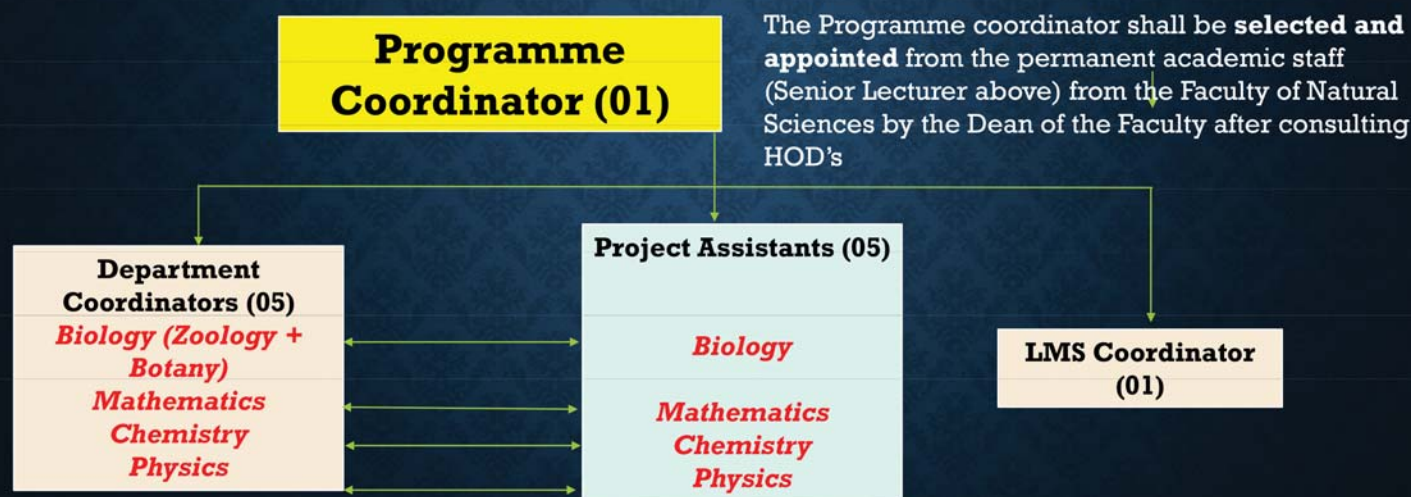
Major disciplines (study areas)

▪ Chemistry	▪ Biology
▪ Physics	▪ Mathematics

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

Part 1 (First year)			Part 2 (Second year)		
Course Code	Course Title	Credits rates	Course Code	Course Title	Credits rates
Semester 1			Semester 1		
MYF2519	Mathematics 1	5	MYF2521	Mathematics 3	5
PHF2523	Physics 1	5	PHF2525	Physics 3	5
CYF2515	Chemistry 1	5	CYF2517	Chemistry 3	5
BYF2511	Biology 1	5	BYF2513	Biology 3	5
Semester 2			Semester 2		
MYF2520	Mathematics 2	5	MYF2522	Mathematics 4	5
PHF2524	Physics 2	5	PHF2518	Physics 4	5
CYF2516	Chemistry 2	5	CYF2526	Chemistry 4	5
ZYF2512	Biology 2	5	ZYF2514	Biology 4	5

PROPOSED STRUCTURE – ADVANCED CERTIFICATE IN SCIENCE 2021/22 ONWARDS



Programme Delivery

Academic Year 2021/22

Discipline	Course Code		Name of the Coordinator	Department	Email
Chemistry	CYF2515	CYF2516	Dr. Sanjeewa Rodrigo	Dept. of Chemistry	srodr@ou.ac.lk
	CYF2517	CYF2518			
Physics	PHF2523	PHF2524	Dr (Mrs.) Nayana Bandara	Dept. of Physics	knban@ou.ac.lk
	PHF2525	PHF2526			
Biology	BYF2511	BYF2513	Ms. K.I.C. Amarasinghe	Dept. of Botany	kiama@ou.ac.lk
	ZYF2512	ZYF2514	Ms. W.A.Y. Chandrani	Dept. of Zoology	wacha@ou.ac.lk
Mathematics	MYF2519	MYF2520	Mr. K.A.S.N. Fernando	Dept of Mathematics	kafer@ou.ac.lk
	MYF2521	MYF2522			

LMS Coordinator



Dr. A.K. Lahiru A. Wijenayake
Senior Lecturer in Chemistry
Telephone: 0112881324
email: lawij@ou.ac.lk

Department Coordinators

Dept. of Chemistry



Dr. S. K. Rodrigo
Senior Lecturer
BSc (Peradeniya)
Ph.D. (USA)
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Dept. of Physics



Dr. K.N.D Bandara
Senior Lecturer
BSc(Colombo)
P.G. Dip.Ed. (OUSL)
M.Sc. (PGIA)
Ph.D. (Colombo)
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knban@ou.ac.lk

Dept. of Botany



Ms. K.I.C. Amarasinghe
Lecturer
BSc(Colombo)
P.G.Dip.(Tissue Culture)(Colombo);
P.G. Dip. (OUSL)
M.Sc.(Tissue Culture)(Colombo);
M.I.Biol. (SL) ; M.Phil. (OUSL)
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Dept. of Zoology



Ms. W.A.Y. Chandrani
Senior Lecturer
BSc (Sri Jayewardenapura)
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PG Dip. Education (OUSL)
M.I.Biol(SL)
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Dept of Mathematics



Mr. K.A.S.N. Fernando
Lecturer
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M.Sc (Colombo)
0714433557
0112881443
kafer@ou.ac.lk

Registration/Re-Registration

Registration 2021/22 (first semester)

Releasing the result of the Exemption Test

Send letters to students – by **15.03.2022**

Registration

		18, 19, 20, 21 April 2022
Colombo Regional Centre		– 4,5,6,7 April 2022
All other Regional Centres/Study Centres		– 5,6,7 April 2022
Add/Drop	12.05.2022 – 05.05.2022 (Regional Centres only)	19, 20, 21 April 2022
Drop	– 18.06.2022 (Regional Centres only) 25.06.2022	

Re-registration

Re-Registration

		18, 19, 20, 21 April 2022
Colombo Regional Centre		– 4,5,6,7 April 2022
All other Regional Centres/Study Centres		– 5,6,7 April 2022
		19, 20, 21 April 2022

- All the student who got C-, D+, D, FA of RX, or RE grades in academic year 2020/21 or before, has to re-register for the courses again in 2021/22 as eligibility cannot carry forward according to the approved Regulations
- Exemptions obtained from the exemption tests in 2020/21 or before can keep for re- registration

Delivery Method

- Students will pursue studies through open and distance (ODL) learning methodologies. ODL methodology is based on self-study and independent learning.
- Study system supports the students through printed course books, audio visual aids
- Day schools will be conducted ONLINE with online media (Zoom)
- Other interactive activities will be conducted through Moodle platform
- No face to face practical Sessions are involved



Course Materials - Printed Books

NEW COURSE CODE		EQUALANT OLD COURSE CODE	
Course Title	Course code	Course code	Units/Blocks
Chemistry 1	CYF2515	CMF2205	1,2,3
Chemistry 2	CYF2516	CMF2205	4,5,6
Chemistry 3	CYF2517	CMF2206	1,2,3
Chemistry 4	CYF2518	CMF2206	4,5,6
Physics 1	PHF2523	PYF2203	1,2
Physics 2	PHF2524	PYF2203	3,4
Physics 3	PHF2525	PYF2204	1,2
Physics 4	PHF2526	PYF2204	3

NEW COURSE CODE		EQUALANT OLD COURSE CODE	
Course Title	Course code	Course code	Units/Blocks
Biology 1	BYF2511	BZF2207	1,2
Biology 2	ZYF2512	BZF2208	1,2
Biology 3	BYF2513	BZF2207	3,4
Biology 4	ZYF2514	BZF2208	3,4
Mathematics 1	MYF2519	PAF2201	1,2,3
Mathematics 2	MYF2520	PAF2202	1,2
Mathematics 3	MYF2521	PAF2201	2,3,4
Mathematics 4	MYF2522	PAF2202	1,2,3

Semester wise Distribution of Courses - 2021-2022 Academic year
Academic year divided in to two semesters

Part 1 (Year 1)

Courses for Semester 1		Courses for Semester 2	
Chemistry 1	CYF2515	Chemistry 2	CYF2516
Physics 1	PHF2523	Physics 2	PHF2524
Biology 1	BYF2511	Biology 2	ZYF2512
Mathematics 1	MYF2519	Mathematics 2	MYF2520

Part 2 (Year 2)

Courses for Semester 1		Courses for Semester 2	
Chemistry 3	CYF2517	Chemistry 4	CYF2518
Physics 3	PHF2525	Physics 4	PHF2526
Biology 3	BYF2513	Biology 4	ZYF2514
Mathematics 3	MYF2521	Mathematics 4	MYF2522



Activity Schedule 2021/22 (first semester)

Academic Activities 2021/22 (New Batch)

Semester 1 -

	23.04.2022
Commencement of Academic Activities	- 19.04.2022 - 23.04.2022
Active Period	- 19.04.2022 - 08.08.2022
Study Period	- 09.08.2022 - 23.08.2022
Eligibility/OCAM	- 01.08.2022
Final Exam	- 24.08.2022 - 10.09.2022
Results	- 10.10.2022
Period to submit online applications for final exams	- 19.07.2022 - 03.08.2022

Semester II –

Commencement of Academic Activities	– 05.09.2022
Active Period	- 05.09.2022 - 09.01.2023
Study Period	- 10.01.2023 - 23.01.2023
Eligibility/OCAM	- 02.01.2023
Final Exam	- 24.08.2022 - 01.09.2022
Results	- 28.02.2023
Period to submit online applications for final exams	– 05.12.2022 - 09.01.2023

Advanced Certificate in Science 2021/22 Time Table(first semester)

All the dayschools scheduled to be conduct through online (zoom). Zoom links for dayschools will be provided with timetable

Level 2 Part 1

Day	Time	Course	Code
Monday	5.00 - 8.00 pm	Chemistry 1	CYF2515
Tuesday	5.00 - 8.00 pm	Biology 1	BYF2511
Wednesday	5.00 - 8.00 pm	Physics 1	PHF2523
Thursday	5.00 - 8.00 pm	Maths 1	MYF2519



Every day school will conduct in all three medium (Sinhala, English and Tamil)
In addition to that supplementary materials will be provide through OUSL elearn platform

All the dayschools scheduled to be conduct through online (zoom). Zoom links for dayschools will be provided with timetable

Level 2 -Part 2

Day	Time	Course	Code
Saturday	9.00 - 12.00 noon	Chemistry 3	CYF2515
Saturday	14.00 - 17.00 pm	Biology 3	BYF2511
Sunday	9.00 - 12.00 noon	Physics 3	PHF2523
Thursday	14.00 - 17.00 pm	Maths 3	MYF2519



Every day school will conduct in all three medium (Sinhala, English and Tamil)
In addition to that supplementary materials will be provide through OUSL elearn platform

Assessment and Evaluation

Importance of continuous assessments CATs

- Two CATs for each course during middle and end of the study period
- Overall Continuous Assessment Marks (OCAM) calculate with marks obtained for CATs
- Eligibility to sit the final exam is decided by the OCAM. OCAM equal or more than 40, are allowed to sit the respective final exam



Final Examinations

The assessment of a student in any course shall consist of two components; Continuous assessment and Final examination.

Overall Mark (Z%) of a student in respect of any course shall be based on both the Overall Continuous Assessment Mark (X%) and the mark obtained at the Final Examination (Y%) and will be computed as follows:
if,

Final Exam marks ≥ 40 ; then Overall marks = (40% of OCAM + 60% of Final Exam marks)

$35 \leq$ Final Exam marks < 40 , then Overall marks = 40% of OCAM + 60% of Final Exam marks, subject to a maximum of 40

if Final Exam marks < 35 , then Overall marks = Final Exam marks

Semester wise Final Examinations will be held

Eligibility

Eligibility cannot be carry forward for Advanced Certificate in Science programme

Once you get eligibility (i.e. equal or more than 40% of OCAM), you need to sit for the final examination in the same year

Once you fail to write your final examination or failed in the final examination in the same year you registered, you need to register again in the next Academic year

Payments

Fee Structure

The tuition fee for one subject (10 credits) is Rs.11,300. The tuition fee can be paid in two installments. The first installment should be paid at the time of registration with the registration fee and facility fee of Rs.3,000.

Number of courses (Part1/2)	Registration & Facility Fee (Rs.)	Payment at the time of Registration (Rs.)	2 nd Installment (Rs)
1-Subject (10 Credits)	3,000.00	6,780.00	4,520.00
2- Subjects (20 Credits)	3,000.00	15,100.00	9,040.00
3- Subjects (30 Credits)	3,000.00	21,340.00	13,560.00

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 mention 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	MYF2519	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	MYF2520	
Physics 1	PHF2523	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	PHF2524	
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	

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.

Applications

Online Applications are available from

Those who need assistance in filling the on-line 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 or In the OUSL homepage (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 on-line 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

[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 , අනිවාර්ය 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 : සියලුම "username" සහ "password" සුරක්ෂිතව ඔබගේ තැන්පත් කරන්න.

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(දාන පදනමේ සඳහන් කරුණු ඔබ දන්නා සරිදි නිවැරදි බව පදනමේ 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 in as 1234567 Thursday, 17th September 2010


My Application Details

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

App No	Programme	Application Fee	Status Applied	View	Payment	Selection Test Admission	Docs & Fund 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

[Edit Account Details](#) [Programme Details](#) [Add New Application](#) [My Applications](#) [Log Out](#)

Logged as 1234568 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 ([slo.com.lk/programmes](#))

Program*
 Preferred Center*
 Medium*

Personal Data

Title
 Initial
 LastName
 Name Derived by Initial
 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* ← **GCE A/L Qualification BOX**

(Enter Work Experience separated commas (,))

Work Experience

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

Other Qualifications ← **Other Qualification BOX**

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.

- **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
 Civil Status

(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

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.

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

 Credit Card Payment	 Cash Payment
Credit Card Payment Instructions 1. Click the Credit card payment option above. 2. You can use credit/debit card (e- flow payment activated)for payments. 3. We accept only "Mastercard" or "Visa" type credit/debit cards	Cash payment instructions. 1. Click the Cash payment option above. 2. Note the application number which will display under the application details. 3. Make the payment to a CDSL.co.lk and make sure to obtain payment receipt.
 eZ Cash Payment	 mCash Payment
eZ Cash payment instructions 1. Click the eZcash payment option above. 2. Enter a valid Dialog eZcash number and pin code. 3. Click submit to pay.	mCash payment instructions. 1. Click the mCash payment option above. 2. Enter a valid Mobitel mCash number and pin code. 3. Click submit to pay.