

Preamble

Regulation No. 18.NS.(3) of 2021 for Award of the Diploma in Laboratory Technology was approved at the Faculty Board of Faculty of Natural Sciences at its 381st meeting held on 05th of May 2021 (*Memo No: VV/9/381/07*). This Programme of Study is coordinated by the Faculty of Natural Sciences of The Open University of Sri Lanka.

The table below provides a brief historical background to the revisions approved by the Senate and Council for the Programme of Study.

Serial No.	Name of Programme of Study	By law/Regulation/Rule Number and amendments	Approval	
			Senate	Council
1.	Diploma in Laboratory Technology	Regulation No.1.4.1.1 and Rule No. 1.4.1.1	372 nd meeting held on 21.06.2019 VV/372/11/4	457 th meeting held on 28.06.2019 VV/457/08 (iv)



THE OPEN UNIVERSITY OF SRILANKA

Regulation for the Award of
Diploma in Science in Laboratory Technology

Regulation No: 18. NS. (3)

December 2021

THE OPEN UNIVERSITY OF SRI LANKA
REGULATION FOR THE AWARD OF
THE DIPLOMA IN SCIENCE IN LABORATORY TECHNOLOGY

This Regulation was prepared under Section 136 of the Universities Act No. 16 of 1978 read in conjunction with The Open University Ordinance No. 1 of 1990 (as amended).

Part I - General

- 1.1. This Regulation shall be cited as the Regulation No. 18.NS.(3) of 2021 approved by the Council of The Open University of Sri Lanka at its[Council Number] meeting held on [Date], [Month],[Year] and shall be deemed to be the consolidated Regulation for the award of the Diploma in Science in Laboratory Technology.
- 1.2. This Regulation for the Award of the Diploma in Science in Laboratory Technology shall be made by the Senate and approved by the Council.
- 1.3. A student who has successfully completed the prescribed Programme of Study shall be awarded the Diploma in Science in Laboratory Technology [Dip (Science in Lab. Tec.)] in accordance with the General By-Law No. 1 for the Award of Certificates, Advanced Certificates, Diplomas, Higher Diplomas, Higher Degrees, Postgraduate Diplomas, Post Graduate Degrees and Degrees, By-Law No. 18 for the award of Diplomas and this Regulation for the award of the Diploma in Science in Laboratory Technology.
- 1.4. This Regulation shall come into effect from the academic year 2022/2023.

Part II - Eligibility for Admission to the Programme of Study

- 2.1 A person seeking admission to the Programme of Study leading to the award of the Diploma in Science in Laboratory Technology shall be required to have.
 - 2.1.1. A minimum of three (03) Pass grades at the General Certificate of Education (Advanced Level) Examination, Sri Lanka in three (03) subjects, from among, Biology, Chemistry, Physics, Combined Mathematics, Information & Communication Technology, Science for Technology, Engineering for Technology, Biosystems for Technology, Agricultural Science, Applied Mathematics, Pure Mathematics, Botany and Zoology, **OR**
 - 2.1.2. Minimum of Pass grades in three (03) disciplines from among the courses in Advanced Certificate in Science / Foundation in Science/ Certificate in Science offered by the Open University of Sri Lanka, **OR**
 - 2.1.3. Minimum of three (03) Pass grades in combination of (2.1.1) and (2.1.2) stated above, **OR**
 - 2.1.4. Successfully Completed the Certificate in Laboratory Technology Programme or Advanced Certificate in Laboratory Technology Programme offered by The Open University of Sri Lanka, **OR**

2.1.5. Five years of accredited working experience in the field of Laboratory Technology, and the completion of 30 credits in the Advanced Certificate / Foundation in Science offered by the Open University of Sri Lanka, **OR**

2.1.6. An equivalent or higher qualification acceptable to the Senate.

Part III - Registration to the Programme of Study and Registration for Courses

- 3.1. A person may register for courses in the Programme of Study subject to limits on the course credit ratings and any other conditions as laid down in the General By-Law No. 1, By-Law No. 18 and the conditions provided in Schedule 1 of this Regulation.
- 3.2. To be eligible to register for each Level of the Programme of Study, a person shall have satisfied the prerequisites for each Level and/or course(s) as specified in Schedule 1 of this Regulation.

Part IV - Programme of Study

- 4.1. The combination of courses, the level and the credit rating of each course in the Programme of Study for the award of the Diploma in Science in Laboratory Technology shall be as specified in Schedule 1 of this Regulation.
- 4.2. Registration for courses at any given level shall be in accordance with Schedule 1 of this Regulation.
- 4.3. The medium of instruction of the Programme of Study leading to Diploma in Science in Laboratory Technology programme shall be English.

Part V - Scheme of Assessment

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

- 5.1.1. The Overall Assessment Mark (Z%) of a student in respect of any course offered by the Faculty of Natural Sciences, shall be computed as follows:

$$Z = (0.4 X + 0.6 Y) \quad \text{If } Y \geq 40 \text{ and } X \geq 35$$
$$\text{If } 40 > Y \geq 30 \text{ and } X \geq 35 \text{ subject to a maximum of 40}$$

$$Z = Y \quad \text{If } 30 > Y \text{ and } X \geq 35$$

- 5.1.2. The Overall Assessment Mark (Z%) of a student in respect of the course

CSE3213 offered under the StART @OUSL Programme shall be computed as follows:

$$Z = Y$$

5.1.3. The Overall Assessment Mark (Z%) of a student in respect of any course offered by the Faculty of Engineering Technology shall be computed as follows:

$$Z = 0.5 X + 0.5 Y \quad \text{If } Y \geq 40 \text{ and } X \geq 40$$

$$Z = Y \quad \text{If } Y < 40$$

5.2. Each student who sits for the Final Examination of a course shall be awarded a grade in respect of such course based on the Overall Assessment Mark (Z%), as specified in Schedule 2 of this Regulation and a Grade Point Value (GPV) in accordance with the Section 5.5 in Part V of the By-law No. 18.

Part VI - Award of the Diploma in Science in Laboratory Technology

- 6.1. A candidate eligible for the Award of the Diploma in Science in Laboratory Technology in accordance with this Regulation shall supplicate for same to the Deputy Registrar / Senior Assistant Registrar / Assistant Registrar of Examinations before the prescribed date on the prescribed form.
- 6.2. A candidate who satisfies the requirements for the award of the Diploma in Science in Laboratory Technology shall be awarded such Diploma with Pass, Merit or Distinction provided he/she satisfies the requirements specified in Sections 6.8, 6.9 and 6.10 respectively in this Regulation, within such period specified in Section 6.4 below of this Regulation.
- 6.3. A candidate shall be awarded the Diploma in Science in Laboratory Technology, if he/she has successfully completed minimum of thirty (30) course credits as specified in Schedule 1 of this Regulation.
- 6.4. A candidate shall acquire the course credit requirements as specified in Sections 6.2 and 6.3 of this Regulation above within a minimum period of one (01) academic year and a maximum period of three (03) consecutive academic years from the date of his/her first registration considered for the award of the Diploma in Science in Laboratory Technology.
- 6.5. The Grade Point Average (GPA) of a student shall be computed by considering the courses at level 3 of a student who has satisfied the conditions for the award of the Higher Diploma in Science in Laboratory Technology in line with the procedure set out in sections below.
- 6.6. The Grade Point Average shall be the course credit weighted mean of all the individual Grade Point Values (GPV) obtained by a candidate for thirty (30) course credits of courses he/she has offered as described in the Schedule 1.

6.7. The Grade Point Average shall be computed as follows;

$$\text{GPA} = \frac{\sum_{i=1}^n (\text{GPV}_i)(\text{CR}_i)}{\sum_{i=1}^n (\text{CR}_i)}$$

where GPV_i = Grade Point Value of course i

CR_i = course credit rating of course i

GPA shall be calculated to the second decimal place subject to a maximum of 4.00.

- 6.8. A candidate shall be awarded the Diploma in Science in Laboratory Technology, with a Pass, if he/she has obtained a minimum of C grades in courses adding up to a total of thirty (30) course credits from the courses at the level 3 or above of the Programme of Study with a minimum GPA of 2.00.
- 6.9. A candidate shall be awarded the Diploma in Science in Laboratory Technology, with Merit, if he/she has, obtained a Pass in accordance with the Section 6.8 above, with a minimum GPA of 3.00.
- 6.10. A candidate shall be awarded the Diploma in Science in Laboratory Technology, with Distinction, if he/she has, obtained a Pass in accordance with the Section 6.8 above, with a minimum GPA of 3.70.

Part VII – Exemptions

- 7.1. Any prior qualification shall be considered for exemption only up to a period of ten (10) years from the date of obtaining the qualification.

Part VIII - Course Credit Transfers

- 8.1. Any prior qualification shall be considered for course credit transfers only up to a period of five (05) years from the date of obtaining the qualification.

Part IX – Revisions

- 9.1. This Regulation may be revised, amended or repealed as and when deemed necessary by the Senate.
- 9.2. Such revisions, amendments or repeals shall come into effect as determined by the Senate and approved by the Council.

SCHEDULES

Schedule 1 – Curriculum

Schedule 2 –Overall Assessment Mark (Z%) Ranges and Grades

Schedule 1 – Curriculum

Course Code	Course Title	Credits	Pre-requisites
CYD3601	Laboratory Techniques in Chemistry	6	None
FND3602	Laboratory Organization, Management and Safety	6	None
PHD3603	Laboratory Techniques in Physics	6	None
CSE3213	Information and Communication Technology (ICT) skills	2	None
FND3405	Project in Laboratory Technology	4	None
	Total	24	
Optional Courses (select minimum of 6 course credits)			
FND3606	Laboratory Techniques in Biology	6	None
EED3308	Introduction to Computer Systems	3	None
MED3307	Workshop, Theory and Practice	3	None

Schedule 2 –Overall Assessment Mark (Z%) Ranges and Grades

Marks Range (Z%)	Grade
85-100	A ⁺
70-84	A
65- 69	A ⁻
60-64	B ⁺
55-59	B
50-54	B ⁻
45-49	C ⁺
40-44	C
35-39	C ⁻
30-34	D ⁺
20-29	D
00-19	E

Recommended for the approval of the Faculty Board /Natural Sciences,



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Dr. W.H.M.A.T. Herath
Programme Coordinator
Diploma in Laboratory Technology

30.04.2021
Date

Recommended for the approval of the Senate,

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Dean / Faculty of Natural Sciences

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Date