



**The Open University of Sri Lanka
Department of Botany**

**BYU3301/BYE3301 – ORGANIZATION OF CELLS AND PLANT BIOCHEMISTRY
2021/2022**

Welcome to the course “Organization of Cells and Plant Biochemistry (BYU3301)” in the B.Sc. Degree programme. This course is a three (03) credit course offered at Level 3 by the Department of Botany during the first semester of the academic year.

Academic activities of this course comprise of both theoretical and practical components. There are 4 **Online-Day schools**, an OBT (Open Book Test), NBT (No book Test), a final exam, a two and half-days (2 1/2) practical session and a practical test.

Please note that OBT will be conducted as a one -hour Online test. NBT will be conducted onsite. However, mode of NBT will be changed due to the pandemic situation of the country.

1. Printed material

The printed course material includes three course books in each medium (i.e. Sinhala, English, Tamil) and a laboratory manual (English only). In addition, E-versions (PDF) of relevant course materials, past papers, power point presentations and other relevant learning materials are available at new “Learn OUSL” web portal. The logging instructions will be provided by the university.

Unit I – The Cell and Cellular Organization

Unit 11 – Basics in Plant Biochemistry

Unit 111 – Genetic Material in the Cell

2. Compulsory Practical component

This course is comprised of a compulsory practical session spread over two and a half (2 ½) days. Practical classes are conducted at Colombo, Kandy, Matara and Jaffna Regional Centers. Allocation of practical groups will be done through “Learn OUSL” web portal. Allocation of practical groups will be done on first come first serve basis and once signed up, groups can be changed only through mutual arrangements. Please note that unplanned participation in practical session causes lot of disturbance to both students and staff. Hence, we kindly advise you to reserve your practical group at your earliest. *Only the students who have been signed up to a particular practical session will be allowed into the laboratory.*

A compulsory practical assessment test will be one-hour duration and will be held at the end of the practical session.

Due to this pandemic situation, you are strictly advised to follow the government health guidelines, maintaining social distance at the laboratory as well as in the University premises.

3. Day schools

Due to the current situation all day schools (Four day-schools including a Revision day school) will be conducted online via Zoom.

4. Evaluation

Your progress will be assessed by means of continuous assessment tests (OBT, NBT and a practical assessment test) and a final examination.

OBT – one-hour test (online)

NBT – one-hour test (onsite)

Final exam - an essay type question paper of 2 hours (onsite)

5. Eligibility criteria

In order to be eligible for the final examination, you must satisfy the following criteria.

- 100% attendance at practical
- submission of a complete practical record
- minimum of 30% for the practical test
- minimum of 40% for the Continuous Assessment Mark (CAM)

$\text{OCAM} = 50\% \text{ of the best score} + 20\% \text{ of the other score} + 30\% \text{ of the score from}$ <p style="text-align: center;">from OBT/NBT from OBT/NBT practical test</p>

6. Final Examination (for eligible students)

Final examination consists of an essay type question paper of two (02) hour duration. Question paper consists of three (03) parts part (A, B and C) and each part contains two questions. You are expected to answer for four questions out of the six, selecting at least one question from each part. (Please refer Faculty Prospectus for details on computation of the final examination mark).

You are strictly advised to log into ‘LearnOUSL’ and check your emails (OUSL email account) frequently as we are communicating with you through those web portals.

Please do not hesitate to contact us in case of any difficulty or in need of any further information. We hope that this course would be an interesting and enjoyable course where you develop further knowledge and skills in plant sciences.

With best wishes,

Yours sincerely,

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Coordinators - BYU 3301 (2021/2022)