

# BIOC 320. LABORATORY METHODS IN BIOCHEMISTRY AND MOLECULAR BIOLOGY 2.

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Credits: 3

Offered by: Biochemistry (Faculty of Science)

Terms offered: Fall 2025

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## Description

Modern molecular-biological methods for isolation and characterization of nucleic acids and for analysis of RNA and protein expression, including: plasmid expression, isolation, restriction and ligation; electrophoretic methods and Western blotting; PCR and qPCR applications; immunofluorescence microscopy and basic bioinformatics approaches.

- Prerequisite(s): BIOC 220
- Restriction(s): Not open to students who have taken or are taking BIOL 301. Open to students in Biochemistry programs; others with permission of the instructor.

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