

# Practical Component for Level II BIOCHEM, GENETICS and MICRO Courses

**Read this page if you are enrolling in any of the following courses in 2025:**

- BIOCHEM 2500 Biochemistry II: Molecular and Cell Biology
- BIOCHEM 2502 Biochem II (Biotech): Molecular and Cell Biology
- BIOCHEM 2501 Biochemistry II: Metabolism
- BIOCHEM 2503 Biochemistry II (Biotechnology): Metabolism
- GENETICS 2510 Genetics IIA: Foundation of Genetics
- GENETICS 2520 Genetics IIB: Function and Diversity of Genomes
- MICRO 2500 Microbiology II
- MICRO 2504 Microbiology II (Biotechnology)
- MICRO 2501 Immunology & Virology II
- MICRO 2505 Immunology & Virology II (Biotechnology)

These are the “**source courses**” for MBS Practicals A, B and C (also known as the “MBS pracs”).

## **What are MBS Practical A, MBS Practical B and MBS Practical C?**

The MBS pracs are the laboratory based practical sessions for all of the courses listed above. The MBS pracs aim to equip students with the best possible foundation in molecular biological methodology. The emphasis is on achieving a solid “practical experience” in the common themes essential in the modern practice of the BIOCHEM, GENETICS and MICRO disciplines.

For enrolment and timetabling, these practicals are listed separately:

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| SCIENCE 2100 MBS Practical A (Semester 1) | SCIENCE 2200 MBS Practical A (Semester 2) |
| SCIENCE 2101 MBS Practical B (Semester 1) | SCIENCE 2201 MBS Practical B (Semester 2) |
| SCIENCE 2102 MBS Practical C (Semester 1) | SCIENCE 2202 MBS Practical C (Semester 2) |

## **Which pracs do I enrol in?**

- First enrol in your BIOCHEM, GENETICS and/or MICRO source courses
- Your prac enrolment in a semester is equal to the number of source courses you do that semester
- If you enrol in **any one but only one** source course in a semester, then enrol in **Prac A only** for that semester
- If you enrol in **any two** source courses in a semester, then for that semester you enrol in **both Prac A and Prac B**
- If you enrol in **all three** source courses in a semester, then you must enrol in **Prac A, Prac B and Prac C**
- Note the duration of each prac varies between 3-5 weeks - see timetable for details.

## **What if I'm repeating a source course?**

- You might be able to use your original prac component mark for this year's prac component mark (i.e. rather than repeating the prac). You must apply to your course coordinator for exemption from repeating the prac.

## **What if I passed a different source course last year?**

- Enrol in the appropriate practical series that you have not already done (e.g. Prac C for that semester if you have already done Prac A and Prac B)

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