

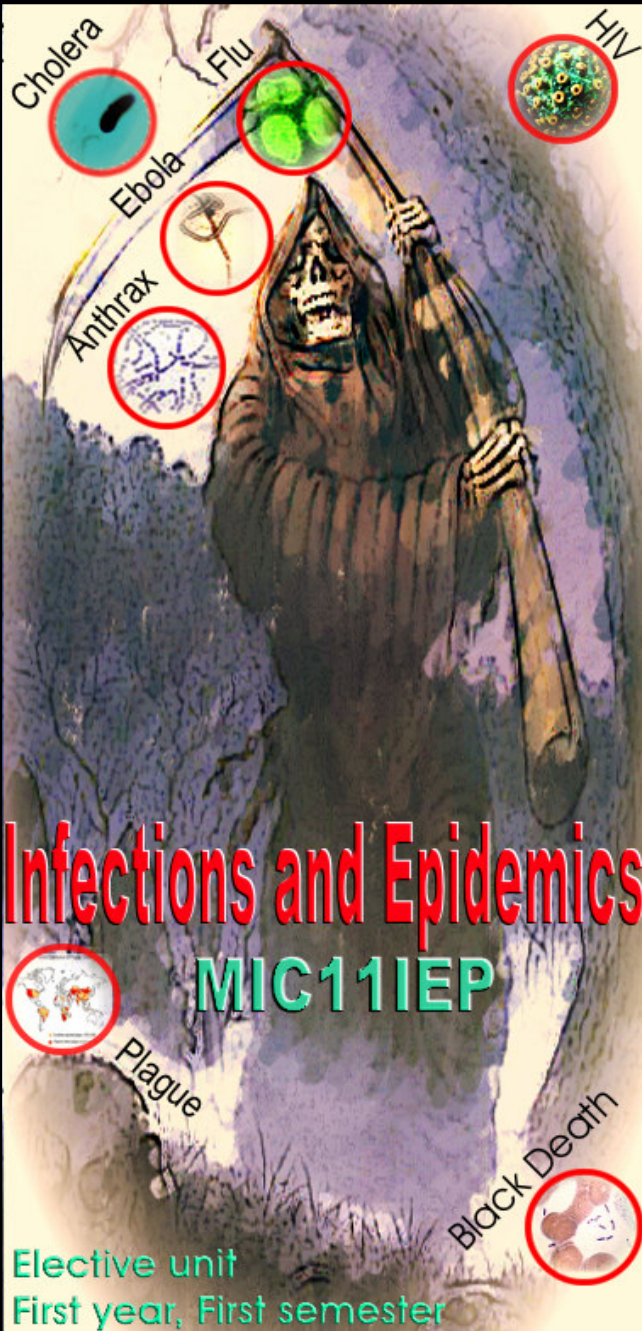
Unit Code: MIC11IEP
Unit Short Title: INFECTIONS AND EPIDEMICS.

Credit Points: 15

Special Conditions: This unit is a first year **elective** for students whose degree structures allow them to undertake such electives eg. degrees in **Arts, Public Health or Medical Sciences**. Students whose current degree rules require them to take four first year core biology (BIO code) subjects will not be permitted to enrol in this subject.

Department of Microbiology,
Faculty of Science, Technology and Engineering

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Infections and Epidemics
MIC11IEP

Elective unit
First year, First semester

Throughout history, microbial infections and epidemics have threatened human well being and survival. New infectious agents continually emerge, old foes become resistant to treatment and constant surveillance is needed to ensure public safety. In this unit, humanity's battle against infectious microorganisms is portrayed through discussion of a variety of specific diseases, both ancient and modern, from the plague in mediaeval Europe to AIDS in modern times.

Selected bacterial (eg. meningococcal disease), viral (eg. influenza, SARS), fungal (eg. thrush) and protozoal (eg. malaria) infections are used to illustrate the principles behind their treatment and prevention (eg. antibiotics, vaccines, public health measures).

Note: A pass in this unit is not sufficient to meet the prerequisites for enrolment in 2nd Year Microbiology subjects.

Assessment:

Assessment Type	%
One 3-hour examination	75
One 1,000 word assignment	25

Readings: To Be Advised

Unit Coordinator:

Name	Location
Dr. Vilma Stanisich	Department of Microbiology, Thomas Cherry Building

Quota Size: 48

Class Requirements: Three 1-hour lectures, one 2-hour practical class/tutorial per week