

Syllabus

Content	Hours	Format
Introduction: basic, comparative and evolutionary virology, viral life cycle and medical aspects associated with infections.	2	Lecture + interactive discussions
Replication of DNA-containing viruses with a linear genome.	4	Lecture + interactive discussions
Replication of DNA-containing viruses with a circular genome.	4	Lecture + interactive discussions
Transcription of DNA-containing viruses.	4	Lecture + interactive discussions
Replication and transcription of reverse-transcriptase-containing viruses.	4	Lecture + interactive discussions
Replication and transcription of RNA-containing viruses.	6	Lecture + interactive discussions
Application of viral techniques in biotechnology, neuroscience and medicine	6	Lecture + interactive discussions
Concluding remarks and systematic review.	2	Lecture + interactive discussions

Grading Policy

Coursework will be weighted as follows:

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| 1. Final exam (presentation + Q&A) | 80% |
| 2. In-class work | 10% |
| 3. Attendance | 10% |

80% + 10% + 10% = 100%