	Implementation schedule	Physically / Remotely	Contact hours	Autonomous work for students (max hours)	Learning outcomes
Activity 1 07/09/2026	Introduction to Reproductive Biotechnology and Biomedical Applications	**Remotely**	**3**	**6**	Understand the principles and biomedical applications of reproductive biotechnology in fertility assessment, assisted reproduction, and fertility preservation.
Activity 2 14/09/2026	Reproductive Cell Biology and Fertility-Related Phenotypes	**Remotely**	**3**	**6**	Describe the basic structure and function of reproductive cells and understand their relevance to fertility-related biological and clinical phenotypes.
Activity 3 15/09/2026	Laboratory Methods for Reproductive Cell and Sample Assessment	**Remotely**	**3**	**5**	Understand selected laboratory approaches used to assess reproductive cells and biological samples and interpret basic laboratory findings.
Activity 4 16/09/2026	Sample Processing Techniques in Biomedical and Assisted Reproduction Workflows	**Remotely**	**3**	**5**	Explain the principles of biological sample handling, processing, and preparation in reproductive biotechnology and assisted reproduction workflows.
Activity 5 17/09/2026	Cryopreservation and Fertility Preservation Techniques	**Remotely**	**3**	**5**	Understand the basic principles of cryopreservation, fertility preservation, and factors affecting sample quality after storage.
Activity 6	Quality Control, Environmental	**Remotely**	**4**	**6**	Interpret selected laboratory data and

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18/09/2026	Factors and Data Interpretation in Reproductive Biotechnology				understand the importance of quality control, accurate reporting, and environmental or lifestyle factors affecting reproductive health.
Activity 8 (mandatory) 24/09/2026	Presentation of assignment	**Remotely**	**3**	**8**	Final Assessment
Total Hours			**22**	**41**	**63**

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