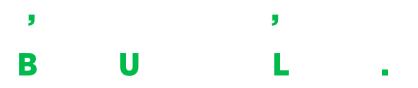
## In\_od\_c\_ion\_o Biomedical Science



Our lecturers have put together the following information to help you prepare for your course. This will give you a snapshot of the materials and reading list you'll be using. You'll get a full breakdown of information before you enrol.

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- Structure and function of cells,
- Introduction to Genetics
- Introduction to Microbiology
- Human anatomy and physiology,
- Basic molecular biology laboratory techniques.
- · Biological problem-solving skills and critical thinking.

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- 1. Describe the structure and function of the organelles of the cell.
- 2. How is energy produced in the cell?
- 3. What are genes?
- 4. How is the genetic information translated to di erent proteins?
- 5. What are the most common bacteria and viruses?
- 6. How do bacteria and viruses a ect human health?
- 7. How is the human body organised?
- 8. How does the human body functions?
- 9. How and why do we get sick?
- 10. How do we safely work in a biomedical lab?
- 11. What are the main laboratory techniques used in biology and medicine?
- 12. How do we organise and interpret biological information?
- 13. Describe the structure and function of nucleic acids and how they contribute to the life of a cell.
- 14. Describe the process of eukaryotic cell division.
- 15. Describe the life cycle of bacteria.
- 16. Describe the structure and life cycle of viruses.

Explore Brunel at our open days.