

# DSxBOOTCAMP (BIOINFORMATICS) 2019

*Ideal for beginners and intermediates,  
to develop core bioinformatics skills*

4 intakes per year

12 courses per intake

1 hour optional weekend consultation session per course

Focus on hands-on learning

Evening classes (6.30pm-10pm) to suit working individuals

Venue: IT Lab 4, Block B, Perdana University

## Who should attend?

- Students interested in bioinformatics (diploma, undergraduate or postgraduate)
- Academics interested in bioinformatics
- Industry partners and IT professionals supporting biologists

**INTAKE 1**  
(Jan - Feb)

**INTAKE 2**  
(Apr - May)

**INTAKE 3**  
(Jul - Aug)

**INTAKE 4**  
(Oct - Nov)

*Monday*

- Essential Topics in Bioinformatics
- Structural Bioinformatics and Molecular Modelling

*Tuesday*

- Applied Bioinformatics
- Molecular Mechanics and Docking
- Membrane Protein Simulation

*Wednesday*

- R for Practical Data Analysis
- Genome Informatics (NGS Analysis)

*Thursday*

- Perl, Shell and Linux OS for Data Analysis
- Molecular Dynamics and Simulation

*Friday*

- Computer Programming in Bioinformatics
- High-throughput and Ensemble-based Screening for Drug Discovery

*Sunday*

- Modelling and Simulation of Gene Expression and Metabolism

For more information visit <https://goo.gl/WUPBY8> or contact us at [bioinfo@perdanauniversity.edu.my](mailto:bioinfo@perdanauniversity.edu.my)

\*Registered as HRDF training provider under the name of "Academic Medical Centre Sdn. Bhd."