

(國立台灣大學生物產業機電工程學系) 生物資訊實驗室同學應具備之核心能力：

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<b>Programming language :</b>	C/C++, Perl, Java (optional)
<b>Web programming Script language :</b>	JavaScript, CGI, PHP, SQL
<b>Script language :</b>	R, MATLAB (optional)
<b>Fundamentals of computer science :</b>	Data structure, Algorithms, Graph theory (optional), Computational complexity, Database
<b>Key subjects :</b>	Data mining, Machine learning, Artificial intelligence, Bioinformatics
<b>Related applications :</b>	Computer vision (optional), Computer graphics (optional)
<b>Mathematics :</b>	Linear Algebra, Probability, Statistics
<b>Biology :</b>	Biochemistry, Molecular biology, Structural biology
<b>System management :</b>	Linux basics, Vim, Apache, MySQL, CVS
<b>Technical writing :</b>	English technical writing

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建議學習方式：

紅色：修課

綠色：自學

藍色：實驗室規劃啓蒙課程

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