Queen's Computing
SCHOOL OF
Biomedical Computation — **Focus**

BComp (Hons) *COMP-M-BCH**
42 core units
18 option units
12 supporting units
48 elective units*
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120 units total

Year 1

- CISC 110 — Creative Computing
- OR
- CISC 101 — Elements of Computing Sci.
- OR ISC4U
- CISC 121 — Introduction to Computing Sci. I
- MATH
- CISC 124 — Introduction to Computing Sci. II

4U Math

- MATH 110 — Linear Algebra
- OR
- MATH 111 — Linear Algebra
- AND
- CISC 102 — Discrete Math. I

MHF4U and MCV4U

- MATH 121 — Differential and Integral Calculus

Year 2

- CISC 203 — Discrete Math. II
- CISC 204 — Logic
- STAT 263 — Introduction to Statistics
- CISC 221 — Computer Architecture
- CISC 235 — Data Structures
- CISC 223 — Software Specifications
- CISC 271 — Linear Data Analysis

Year 3

- CISC 324 — Operating Systems
- CISC 360 — Programming Paradigms
- CISC 322 — Software Architecture
- OR
- CISC 326 — Game Architecture
- CISC 365 — Algorithms I
- CISC 320 — Fund. Software Development
- CISC 352 — Artificial Intelligence
- CISC 330 — Computer-Integr. Surgery

Year 4

- CISC 472 — Medical Informatics
- CISC 471 — Computational Biology
- CISC 497 — Social, Ethical and Legal Issues
- CISC 499 — Undergraduate Project

*Biomedical Computation may also be taken as CIPS-accredited Computer Science Specialization (CSCI-P-BCH) with additional 30-unit breadth requirement with fewer electives and no Minor (see calendar for details).

REQUIRED ▬▬▬ CHOICE ▭▭▭
PREREQUISITE ⟶ COREQUISITE ┈┈⟶ RECOMMENDED ╌ ╌⟶

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