

# COMPUTER SCIENCE

**Head:** Dr. David Gerhard

**Campus Address/General Office:** E2-445 EITC

**Telephone:** 204 474 8313

**Email Address:** [queries@cs.umanitoba.ca](mailto:queries@cs.umanitoba.ca)

**Website:** [umanitoba.ca/science/computer-science](https://umanitoba.ca/science/computer-science/) (<https://umanitoba.ca/science/computer-science/>)

## Computer Science

Computer technology continues to advance and computer applications are found in all fields and disciplines. As new applications proliferate, opportunities for careers in computing will continue to be strong. Both the Major and the Honours programs offer a co-op option so students may combine education with paid employment experience. The co-operative (co-op) option in Computer Science is well established with the first class graduating in October 1983.

## Programs

Degree/Diploma	Years to Completion	Total Credit Hours	Has Co-op Option
Computer Science, B.C.Sc., Honours ( <a href="https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-bcsc-honours/">https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-bcsc-honours/</a> )	4	120	Yes
Computer Science, B.Sc. Major ( <a href="https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-bsc-major/">https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-bsc-major/</a> )	4	120	Yes
Computer Science - Mathematics Joint, B.Sc. Honours ( <a href="https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-mathematics-bsc-honours/">https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-mathematics-bsc-honours/</a> )	4	120	Yes
Computer Science - Physics & Astronomy Joint, B.Sc. Honours ( <a href="https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-physics-astronomy-bsc-honours/">https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-physics-astronomy-bsc-honours/</a> )	4	120	Yes
Computer Science - Statistics Joint, B.Sc. Honours ( <a href="https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-statistics-bsc-honours/">https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-statistics-bsc-honours/</a> )	4	120	Yes
Computer Science Minor ( <a href="https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-minor/">https://catalog.umanitoba.ca/undergraduate-studies/science/computer-science/computer-science-minor/</a> )		18	