# Diploma in Computer Science Checklist

A total of **64** or **65 credits**.

A minimum of **32** or **33 credits** at **VIU**.

No more than **three (3) C- grades**.

No **D grade**.

A minimum of **average C+ grade** in **CSCI courses**.

A minimum of **average C grade** to graduate.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Course Number | Course Title | Credits | Credits Earned | Term | CGPA |
|  | [CSCI 112](https://www.viu.ca/programs/courses/computer-science#CSCI112) | Applications Programming | 3 |  |  |  |
|  | [CSCI 115](https://www.viu.ca/programs/courses/computer-science#CSCI115) | Web Page Techniques | 3 |  |  |  |
|  | [CSCI 159](https://www.viu.ca/programs/courses/computer-science#CSCI159) or [CSCI 160](https://www.viu.ca/programs/courses/computer-science#CSCI160) | *Computer Science I* **or** *Computer Science I for Engineering* | 4 |  |  |  |
|  | [CSCI 161](https://www.viu.ca/programs/courses/computer-science#CSCI161) | *Computer Science II* | 4 |  |  |  |
|  | [CSCI 162](https://www.viu.ca/programs/courses/computer-science#CSCI162) | *Topics in Computer Science* | 3 |  |  |  |
|  | [MATH 121](https://www.viu.ca/programs/courses/mathematics#MATH121) | *Calculus I* | 4 |  |  |  |
|  | [MATH 123](https://www.viu.ca/programs/courses/mathematics#MATH123) | *Logic and Foundations* | 3 |  |  |  |
|  | [ENGL 115](https://www.viu.ca/programs/courses/english#ENGL115) | *University Writing and Research* | 3 |  |  |  |
|  | [ENGL 204](https://www.viu.ca/programs/courses/english#ENGL204) | *Business and Technical Writing (effective September 2012)* | 3 |  |  |  |
|  | [CSCI 260](https://www.viu.ca/programs/courses/computer-science#CSCI260) | *Data Structures* | 4 |  |  |  |
|  | [CSCI 265](https://www.viu.ca/programs/courses/computer-science#CSCI265) | *Software Engineering* | 3 |  |  |  |
|  | General Elective |  | 3 |  |  |  |
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|  | [CSCI 310](https://www.viu.ca/programs/courses/computer-science#CSCI310) | *Introduction to Human-Computer Interaction* | 3 |  |  |  |
|  | [CSCI 311](https://www.viu.ca/programs/courses/computer-science#CSCI311) or [CSCI 375](https://www.viu.ca/programs/courses/computer-science#CSCI375) | *Web Programming* **or** *Intro to Systems Analysis* | 4 or 3 |  |  |  |
|  | [CSCI 331](https://www.viu.ca/programs/courses/computer-science#CSCI331) | *Object Oriented Programming* | 3 |  |  |  |
|  | [CSCI 370](https://www.viu.ca/programs/courses/computer-science#CSCI370) | *Database Systems* | 3 |  |  |  |
|  | [CSCI 400](https://www.viu.ca/programs/courses/computer-science#CSCI400) | *Computers and Society* | 3 |  |  |  |
|  | CSCI 200 - 499 |  | 3 |  |  |  |
|  | CSCI |  | 49 or 50 |  |  |  |
|  | VIU |  | 64 or 65 |  |  |  |
|  | Total |  | 64 or 65 |  |  |  |

#### General Elective

2 courses from any discipline including **Computer Science**.