# Bachelor of Science – Computing and Information Systems Major – Learning Technology Minor – Post Diploma

## Four Year (120 credits)

**2023/2024** [Program Requirements](https://www.athabascau.ca/calendar/2023/undergraduate/program-regulations/degrees/bachelor-of-science-computing-and-information-systems-major-post-diploma.html) -Effective September 1, 2023

This program plan will assist you in planning your program. You must follow the official program requirements for the calendar year in which you are enrolled.

Please contact [FST Student Success Centre](http://scis.athabascau.ca/contact-us/index.php) for program planning assistance.

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| **Course Level Legend**JUNIOR / JR - 200 numbered courseSENIOR / SR - 300 or 400 numbered coursePREPARATORY - 100 numbered course | **Course Progress Legend**TR - Transfer Credit AwardedC - Completed AU CourseIP - In Progress AU Course |

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| **LEVEL** | **TOTALCREDITS** | **COURSE** | **REQUIREMENT** | **COURSE PROGRESS** | **COMMENTS** |
| Junior | 3 | [ENGL255](http://www.athabascau.ca/syllabi/engl/engl255.php)  | Required CoreEnglish Wiring Requirement |  | [Humanities](https://www.athabascau.ca/course/index.html?/undergraduate/humanities/all/) – ENGL255 is strongly recommended, can choose a different ENGL course as long as a minimum grade of B- is achieved. |
| Junior | 6 | [MATH215](http://www.athabascau.ca/html/syllabi/math/math215.htm) or [MATH216](http://www.athabascau.ca/html/syllabi/math/math216.htm) | Required Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Junior | 9 | [MATH265](http://www.athabascau.ca/html/syllabi/math/math265.htm) or [MATH270](https://www.athabascau.ca/syllabi/math/math270.html) | Required Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) – MATH270 is required for students wanting to take COMP400 |
| Junior | 12 | [COMP200](http://www.athabascau.ca/syllabi/comp/comp200.php) | Required Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Junior | 15 | [COMP268](https://www.athabascau.ca/syllabi/comp/comp268.html) | Major Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Junior | 18 | [COMP272](https://www.athabascau.ca/syllabi/comp/comp272.html) | Major Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Junior | 21 | [EDPY200](https://www.athabascau.ca/syllabi/edpy/edpy200.html) | Minor Core |  | [Applied Studies](https://www.athabascau.ca/course/index.html?/undergraduate/applied-studies/all/) |
| Senior | 24 | [EDPY310](https://www.athabascau.ca/syllabi/edpy/edpy310.html) | Minor Core |  | [Applied Studies](https://www.athabascau.ca/course/index.html?/undergraduate/applied-studies/all/) |
| Senior | 27 | [EDPY480](https://www.athabascau.ca/syllabi/edpy/edpy480.html) | Minor Core |  | [Applied Studies](https://www.athabascau.ca/course/index.html?/undergraduate/applied-studies/all/) |
| Junior | 30 | [COMP214](https://www.athabascau.ca/syllabi/comp/comp214.html) | Minor Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Junior | 33 | [COMP266](https://www.athabascau.ca/syllabi/comp/comp266.html) | Minor Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Jr/Sr | 39 |  | Minor Elective |  | See list below |
| Jr/Sr | 42 |  | Minor Elective |  | See list below |
| Senior | 48 |  | Minor Elective |  | See list below |
| Senior | 45 | [PHIL333](http://www.athabascau.ca/html/syllabi/phil/phil333.htm) or [PHIL371](http://www.athabascau.ca/html/syllabi/phil/phil371.htm) | Required Core |  | [Humanities](https://www.athabascau.ca/course/index.html?/undergraduate/humanities/all/) |
| Senior | 48 | [SCIE326](http://www.athabascau.ca/html/syllabi/scie/scie326.htm) | Required Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 51 | [COMP314](https://www.athabascau.ca/syllabi/comp/comp314.html) | Major core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 54 | [COMP347](https://www.athabascau.ca/syllabi/comp/comp347.html) | Major Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 57 | [COMP361](https://www.athabascau.ca/syllabi/comp/comp361.html) | Major Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 60 | [COMP378](https://www.athabascau.ca/syllabi/comp/comp378.html) | Major Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 63 | [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) | Major Elective |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) – feel free to explore the link for COMP specialties |
| Senior | 66 | [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) | Major Elective |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 69 | [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) | Major Elective |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 72 | [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) | Major Elective |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 75 | [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) | Major Elective |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 78 | [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) | Major Elective |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 81 | [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) | Major Elective |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 84 | [COMP482](https://www.athabascau.ca/syllabi/comp/comp482.html) | Major Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 87 | [COMP494](http://www.athabascau.ca/syllabi/comp/comp494.php) | Required Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) |
| Senior | 90 | [COMP495](https://www.athabascau.ca/syllabi/comp/comp495.html) | Major Core |  | [Science](https://www.athabascau.ca/course/index.html?/undergraduate/science/all/) – should be the last or within the last set of courses in the program. |
|  | 93 - 120 | Block of 30 Transfer Credits |

Looking for suggestions on what COMP courses to take? [Explore our suggested COMP course list for specializations.](https://www.athabascau.ca/science-and-technology/resources/school-of-computing-information-systems/scis-elective-course-list-for-specializations.html)

**Overall Program Requirements**

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| **Minimums** |
| 30 credits – Residency requirement (courses through AU) |
| 15 credits – Residency requirement in the major (courses through AU) |
| 9 credits – Residency Requirement in the minor (courses through AU) |
| 45 credits – **Senior** (300/400) level  |
| 60 credits – In Science |
| 36 credits – **Senior** (300/400) level **Science**  |
| 12 credits – **Senior Science credits at the 400 level** |
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| **Maximums** |
| 0 credits – At the preparatory (100) level |
| 75 credits – In **any one Science discipline** |
| 12 credits – Senior project credits (495/496) |
| 30 credits – Prior Learning Assessment and Recognition (PLAR) |

**Learning Technology Minor Electives** – Students must complete a minimum of 9 credits from the following disciplines:

- Education ([EDUC](https://www.athabascau.ca/course/index.html?/undergraduate/all/education/))
- Educational Psychology ([EDPY](https://www.athabascau.ca/course/index.html?/undergraduate/all/educational-psychology/))
- Psychology ([PSYC](https://www.athabascau.ca/course/index.html?/undergraduate/all/psychology/))
- Computer Science ([COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/https://www.athabascau.ca/course/index.html?/undergraduate/science/environmental-science/))

If selecting [PSYC](https://www.athabascau.ca/course/index.html?/undergraduate/all/psychology/) or [COMP](https://www.athabascau.ca/course/index.html?/undergraduate/science/computer-science/) courses, students may only choose from the courses listed below. The courses with asterisks \* are recommended over courses without.

Courses that are easily demonstrated to have mainly Learning Technology content may be considered towards the elective credit requirements.

Psychology: PSYC210, PSYC355\*, PSYC387, PSYC389, PSYC401\*

Computer Science: [COMP206](https://www.athabascau.ca/syllabi/comp/comp206.html), [COMP210](https://www.athabascau.ca/syllabi/comp/comp210.html), [COMP230](https://www.athabascau.ca/syllabi/comp/comp230.html)\*, [COMP282](https://www.athabascau.ca/syllabi/comp/comp282.html), [COMP283](https://www.athabascau.ca/syllabi/comp/comp283.html), [COMP306](https://www.athabascau.ca/syllabi/comp/comp306.html), [COMP308](https://www.athabascau.ca/syllabi/comp/comp308.html), [COMP318](https://www.athabascau.ca/syllabi/comp/comp318.html)\*, [COMP390](https://www.athabascau.ca/syllabi/comp/comp390.html), [COMP410](https://www.athabascau.ca/syllabi/comp/comp410.html), [COMP435](https://www.athabascau.ca/syllabi/comp/comp435.html)\*, [COMP452](https://www.athabascau.ca/syllabi/comp/comp452.html), [COMP456](https://www.athabascau.ca/syllabi/comp/comp456.html), [COMP466](https://www.athabascau.ca/syllabi/comp/comp466.html)\*.