# Bachelor of Science – Computing and Information Systems Major – Game Programming Minor – Post Diploma

## Four Year (120 credits)

**2018/2019** [Program Requirements](http://calendar.athabascau.ca/undergrad/current/program/scie-major-cis.php) **-** Effective September 1, 2018

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 course SENIOR / SR - 300 or 400 numbered course PREPARATORY - 100 numbered course | **Course Progress Legend** TR - Transfer Credit Awarded C - Completed AU Course IP - In Progress AU Course |

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| **LEVEL** | **TOTAL CREDITS** | **COURSE** | **REQUIREMENT** | **COURSE  PROGRESS** | **COMMENTS** |
| Junior | 3 | [COMP200](http://www.athabascau.ca/syllabi/comp/comp200.php) | Required Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Junior | 6 | [ENGL255](http://www.athabascau.ca/syllabi/engl/engl255.php) | Required Core [[English Writing Requirement](http://calendar.athabascau.ca/undergrad/2016/page03_04.php#EWSR)](http://calendar.athabascau.ca/undergrad/2013/page03_04.php#english) |  | [Humanities](http://www2.athabascau.ca/course/ug_area/humanities.php) |
| Junior | 9 | [MATH215](http://www.athabascau.ca/html/syllabi/math/math215.htm) or [MATH216](http://www.athabascau.ca/html/syllabi/math/math216.htm) | Required Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Junior | 12 | [MATH265](http://www.athabascau.ca/syllabi/math/math265.php) or [MATH270](http://www.athabascau.ca/syllabi/math/math270.php) | Required Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) – MATH270 is recommended |
| Junior | 15 | [COMP268](http://www.athabascau.ca/syllabi/comp/comp268.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Junior | 18 | [COMP272](http://www.athabascau.ca/syllabi/comp/comp272.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Jr/Sr | 21 | [COMP206](http://www.athabascau.ca/syllabi/comp/comp206.php) or [COMP306](http://www.athabascau.ca/syllabi/comp/comp306.php) | Minor Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 24 | [COMP314](http://www.athabascau.ca/syllabi/comp/comp314.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 27 | [COMP347](http://www.athabascau.ca/syllabi/comp/comp347.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 30 | [COMP361](http://www.athabascau.ca/syllabi/comp/comp361.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 33 | [COMP378](http://www.athabascau.ca/syllabi/comp/comp378.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 36 | [COMP318](http://www.athabascau.ca/syllabi/comp/comp318.php) | Minor Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 39 | [COMP369](http://www.athabascau.ca/syllabi/comp/comp369.php) | Minor Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 42 | [COMP390](http://www.athabascau.ca/syllabi/comp/comp390.php) | Minor Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| 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](http://www2.athabascau.ca/course/ug_area/humanities.php) |
| Senior | 48 | [SCIE326](http://www.athabascau.ca/html/syllabi/scie/scie326.htm) | Required Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 51 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Minor Elective \* |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 54 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Minor Elective \* |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 57 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Minor Elective \* |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 60 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Major Elective |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 63 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Major Elective |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 66 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Major Elective |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 69 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Major Elective |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 72 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Major Elective |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 75 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Major Elective |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 78 | [COMP](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/computer-science40/) | Major Elective |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 81 | [COMP452](http://www.athabascau.ca/syllabi/comp/comp452.php) | Minor Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 84 | [COMP482](http://www.athabascau.ca/syllabi/comp/comp482.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 87 | [COMP494](http://www.athabascau.ca/syllabi/comp/comp494.php) | Required Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 90 | [COMP495](http://www.athabascau.ca/syllabi/comp/comp495.php) | Major Core |  | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
|  | 93 - 120 | **Block of 30 Transfer Credit** | | | |

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| \*Note: Minor electives must be selected from the following list: [COMP214](http://www.athabascau.ca/syllabi/comp/comp214.php), [COMP230](http://www.athabascau.ca/syllabi/comp/comp230.php), [COMP266](http://www.athabascau.ca/syllabi/comp/comp266.php), [COMP282](http://www.athabascau.ca/syllabi/comp/comp282.php), [COMP283](http://www.athabascau.ca/syllabi/comp/comp283.php), [COMP308](http://www.athabascau.ca/syllabi/comp/comp308.php), [COMP348](http://www.athabascau.ca/syllabi/comp/comp348.php), [COMP382](http://www.athabascau.ca/syllabi/comp/comp382.php), [COMP393](http://www.athabascau.ca/syllabi/comp/comp393.php), [COMP466](http://www.athabascau.ca/syllabi/comp/comp466.php), [COMP486](http://www.athabascau.ca/syllabi/comp/comp486.php) or [COMP489](http://www.athabascau.ca/syllabi/comp/comp489.php). |