# Bachelor of Science – Computing and Information Systems Major – Physical Sciences Minor – Post Diploma

## Four Year (120 credits)

**2019/2020** [Program Requirements](http://calendar.athabascau.ca/undergrad/current/program/scie-major-cis.php) **-** Effective September 1, 2019

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 | [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) |
| Junior | 21 | [CHEM217](http://www.athabascau.ca/syllabi/chem/chem217.php) | Minor Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Junior | 24 | [CHEM218](http://www.athabascau.ca/syllabi/chem/chem218.php) | Minor Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Junior | 27 | [PHYS204](http://www.athabascau.ca/syllabi/phys/phys204.php) | Minor Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Junior | 30 | [PHYS205](http://www.athabascau.ca/syllabi/phys/phys205.php) | Minor Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Jr/Sr | 33 | [CHEM](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/chemistry10/)/[PHYS](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/physics0/)/ [ASTR](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/astronomy-and-astrophysics5/) | Minor Elective |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Jr/Sr | 36 | [CHEM](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/chemistry10/)/[PHYS](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/physics0/)/ [ASTR](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/astronomy-and-astrophysics5/) | Minor Elective |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Jr/Sr | 39 | [COMP314](http://www.athabascau.ca/syllabi/comp/comp314.php) | Major Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 42 | [COMP347](http://www.athabascau.ca/syllabi/comp/comp347.php) | Major Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 45 | [COMP361](http://www.athabascau.ca/syllabi/comp/comp361.php) | Major Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 48 | [COMP378](http://www.athabascau.ca/syllabi/comp/comp378.php) | Major Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 51 | [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 | 54 | [SCIE326](http://www.athabascau.ca/html/syllabi/scie/scie326.htm) | Required Core |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 57 | [CHEM](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/chemistry10/)/[PHYS](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/physics0/)/ [ASTR](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/astronomy-and-astrophysics5/) | Minor Elective |   | [Science](http://www2.athabascau.ca/course/ug_area/science.php) |
| Senior | 60 | [CHEM](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/chemistry10/)/[PHYS](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/physics0/)/ [ASTR](http://www.athabascau.ca/course/course-listings.php?/undergraduate/all/astronomy-and-astrophysics5/) | Minor 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 | [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 | 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** |
| A minimum of 12 credits need to be at the 400 level in the Science area of study. |
| **Residency requirement**: 30 credits completed through Athabasca University; 15 of those credits need to be in the major and 9 credits in the minor. |