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| **This program plan will assist you in planning your program. Please refer to the official** [**regulations**](http://calendar.athabascau.ca/undergrad/2002/underprog4_2.html#badpdm)**.Please** **contact SCIS Advising** **for program planning assistance.**

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| **University Certificate in Game Development and Programming (42 credits)** |
| **2014/2015** [**Calendar Requirements**](http://calendar.athabascau.ca/undergrad/current/page03_40.php) - effective Jan. 1, 2014 - [**Glossary**](http://calendar.athabascau.ca/undergrad/2013/page12.php) |
| **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 |
| **Level** | **Credits** | **Course** | **Requirement** | **Course Progress** | **Comments\*** |
| Junior | 3 | [COMP200](http://www.athabascau.ca/html/syllabi/comp/comp200.htm) | Bridging Course |   |   |
| Junior | 6 | [COMP268](http://www.athabascau.ca/html/syllabi/comp/comp268.htm) | Bridging Course |   |   |
| Junior | 9 | [COMP272](http://www.athabascau.ca/html/syllabi/comp/comp272.htm) | Bridging Course |   |   |
| Senior | 12 | [COMP314](http://www.athabascau.ca/html/syllabi/comp/comp314.htm) | Bridging Course |   |   |
| Senior | 15 | [COMP306](http://www.athabascau.ca/html/syllabi/comp/comp306.htm) or [COMP308](http://www.athabascau.ca/html/syllabi/comp/comp308.htm) | Required |   |   |
| Junior | 18 | [COMP282](http://www.athabascau.ca/html/syllabi/comp/comp282.htm) | Required |   |   |
| Senior | 21 | [COMP318](http://www.athabascau.ca/html/syllabi/comp/comp318.htm) | Required |   |   |
| Senior | 24 | [COMP347](http://www.athabascau.ca/html/syllabi/comp/comp347.htm) | Required |   |   |
| Senior | 27 | [COMP369](http://www.athabascau.ca/html/syllabi/comp/comp369.htm) | Required |   |   |
| Senior | 30 | [COMP390](http://www.athabascau.ca/html/syllabi/comp/comp390.htm) | Required |   |   |
| Jr./Sr. | 33 |   | Elective |   |   |
| Jr./Sr. | 36 |   | Elective |   |   |
| Jr./Sr. | 39 |   | Elective |   |   |
| Senior | 42 | [COMP495](http://www.athabascau.ca/html/syllabi/comp/comp495.htm) | Required |   |   |

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| **Electives:** any 9 credits chosen from the following: |
| [COMP230](http://www.athabascau.ca/html/syllabi/comp/comp230.htm) Storyboard Design | 3 credits |
| [COMP214](http://www.athabascau.ca/html/syllabi/comp/comp214.htm) Interactive Technologies | 3 credits |
| [COMP232](http://www.athabascau.ca/html/syllabi/comp/comp232.htm) Graphics Design | 3 credits |
| [COMP240](http://www.athabascau.ca/html/syllabi/comp/comp240.htm) Immersive 3D | 3 credits |
| [COMP241](http://www.athabascau.ca/html/syllabi/comp/comp241.htm) Video Edit and Audio Postproduction | 3 credits |
| [COMP283](http://www.athabascau.ca/html/syllabi/comp/comp283.htm) Myths and Facts in Games | 3 credits |
| [COMP348](http://www.athabascau.ca/html/syllabi/comp/comp348.htm) Network Programming in Java | 3 credits |
| [COMP382](http://www.athabascau.ca/html/syllabi/comp/comp382.htm) 3D Programming With Java | 3 credits |
| [COMP393](http://www.athabascau.ca/html/syllabi/comp/comp382.htm) Advanced Rendering with Shaders | 3 credits |
| [COMP435](http://www.athabascau.ca/html/syllabi/comp/comp435.htm) Multimedia Technology | 3 credits |
| [COMP452](http://www.athabascau.ca/html/syllabi/comp/comp452.htm) Artificial Intelligence for Game Developers | 3 credits |
| [COMP486](http://www.athabascau.ca/html/syllabi/comp/comp486.htm) Mobile & Internet Game Development | 3 credits |

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| [**Contact the SCIS Advisor**](http://scis.athabascau.ca/contact/scis/index/) **to discuss availability of elective courses.**The bridging courses ([COMP 200](http://www.athabascau.ca/html/syllabi/comp/comp200.htm), [COMP 268](http://www.athabascau.ca/html/syllabi/comp/comp268.htm), [COMP 272](http://www.athabascau.ca/html/syllabi/comp/comp272.htm), and [COMP 314](http://www.athabascau.ca/html/syllabi/comp/comp314.htm)) must be completed before starting the required courses but can be taken with elective courses.**Residency Requirement:** A minimum of 21 credits must be obtained through Athabasca University. |

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| \* Comments: You may wish to include replacement courses or pre-requisites in this area. |

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