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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**](mailto:scis_advising@athabascau.ca) **for program planning assistance.**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **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 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 | | | **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 |  |  |  |  |  | | --- | --- | | **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 |  |  | | --- | | [**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. |  |  | | --- | | \* Comments: You may wish to include replacement courses or pre-requisites in this area. | |