



**AAS in Game and Simulation Development - Programming to  
Bachelor of Applied Arts & Sciences in Business  
2018-2019 Catalog**



**First Year Tyler Junior College**

FIRST SEMESTER	SECOND SEMESTER
<b>ARTV 1345</b> – 3-D Modeling and Rendering I	<b>GAME 2302</b> – Math. Applications for Game Development
<b>GAME 1303</b> – Intro. to Game Design and Development	<b>GAME 2332</b> – Project Development I
<b>ITSE 1302</b> – Computer Programming	<b>GAME 1343</b> – Game and Simulation Programming I
<sup>c</sup> <b>EDUC 1300</b> – Learning Framework (090)	<b>COSC 1336</b> – Programming Fundamentals I
<sup>c</sup> <b>MATH 1314</b> – College Algebra (020)	<sup>c</sup> <b>ENGL 1301</b> – Composition I (010)
Total semester hours: 15	Total semester hours: 15

**Second Year Tyler Junior College**

It is best to apply to TWU a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
<b>GAME 2334</b> – Project Development II	<b>GAME 1394</b> – Special Topics in Animation, Interactive Technology, Video Graphics and Special Effects
<b>GAME 2341</b> – Game Scripting	<b>COSC 2336</b> – Programming Fundamentals III
<b>COSC 1337</b> – Programming Fundamentals II	<b>GAME 2342</b> – Game Development Using C++
<sup>c</sup> <b>XXXX X3XX</b> – Lang., Phil. and Culture Core * (040)	<b>GAME 2343</b> – Multi-User Game Programming II
<sup>c</sup> <b>SPCH 1321</b> – Business & Prof. Communication (010)	Total semester hours: 15
Total semester hours: 15	
SUMMER	
<b>GAME 2359</b> – Game and Simulation Group Project	
	Total semester hours: 3

**AAS: Game and Simulation Development - Programming**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**Third Year Texas Woman's University**

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
<sup>c</sup> <b>Life &amp; Physical Sciences</b> <sup>030*</sup>	<sup>c</sup> <b>Life &amp; Physical Sciences</b> <sup>030*</sup>
<sup>c</sup> <b>HIST 1013</b> US History I <sup>060</sup> ( <b>HIST 1301</b> )	<sup>c</sup> <b>HIST 1023</b> US History II <sup>060</sup> ( <b>HIST 1302</b> )
<sup>c</sup> <b>GOV 2013</b> U.S. Government <sup>070</sup> ( <b>GOVT 2305</b> )	<sup>c</sup> <b>GOV 2023</b> Texas Government <sup>070</sup> ( <b>GOVT 2306</b> )
<sup>c</sup> <b>Social/Behavioral Sciences</b> <sup>080*</sup>	<sup>c</sup> <b>Creative Arts</b> <sup>050*</sup>
<b>BUS 3003</b> Principles of Management	<sup>c</sup> <b>BUS 3393</b> Law for Women <sup>090</sup>

**Fourth Year Texas Woman's University**

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (15 SCH)
<b>BUS 3513</b> Professional Presentation Strategies	<b>BUS 4223</b> Human Behavior in Business Admin
<b>BUS 3113</b> Principles of Marketing	<b>BUS 3243</b> Entrepreneurship
<b>BUS 3163</b> Business Communications	<b>BUS 4903 ST:</b> Finance for Small Business
<b>BUS 3183</b> International Business <sup>GP</sup>	<b>BUS 4903 ST:</b> Info Systems/Data
<b>BUS 3273</b> Human Resource Management	<b>BUS 4343</b> Business Leadership Strategies

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

\*You may take a different course to meet this requirement. A specific list is available from your advisor.

<sup>c</sup>This course counts for the Core Curriculum at any public college or university in Texas. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

<sup>GP</sup>TWU Global Perspective graduation requirement

()Course numbers shown in parentheses are equivalent to these courses at Texas Woman's University.

*For questions about the TWU portion of this guided pathway,  
Contact the School of Management Advising at 940 898-2957 and/or som@twu.edu*