



**Transfer Pathway: Houston Community  
College AA Computer Information Systems to  
Lamar University BS Computer Information  
Sciences**



HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
EDUC 1300		Learning Framework	3	ENGL 1302		English Composition II	3
ENGL 1301		English Composition I	3	MATH 1325		Calculus for Business & Social Science	3
MATH 1324		Math for Business & Social Science	3	COSC 1436		Program Fundamentals I	4
BCIS 1305		Business Computer Applications	3	L&PS Core		Life & Physical Science Core	3
History Core		History Core	3	History Core		History Core	3
<b>Total</b>			<b>15</b>				

<b>Summer Semester</b>							
<b>Total</b>							
<b>0</b>							

ECON 2301 or 2302		Macro or Micro Economics	3	LPC Core		LPC Core	3
GOVT 2305		Federal Govt	3	GOVT 2306		Texas Govt	3
CA Core		CA Core	3				
<b>Total</b>			<b>16</b>	<b>Total</b>			<b>13</b>

HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			
			<b>0</b>				

<b>Third Year - Junior</b>							
<b>Fall Semester</b>				<b>Spring Semester</b>			
Lamar			Hrs	Lamar			Hrs
		Life & Physical Sciences Core	4	MATH 2318			3
		Calculus I	4	MGMT 3310			3
		Managerial Accounting	3	COSC 3304		Algorithms Design & Analysis	3
		Programming Fundamentals III	3	COSC 3325			3
		Discrete Structures	3	CPSC 4315			3
				COSC CPSC Elective		COSC/CPSC Elective	3
<b>Total</b>			<b>17</b>	<b>Total</b>			<b>18</b>

<b>Summer Semester</b>							
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			
			<b>0</b>				

<b>Fourth Year - Senior</b>							
<b>Fall Semester</b>				<b>Spring Semester</b>			
Lamar		Course Name	Hrs	Lamar		Course Name	Hrs
MGMT 3320		Production Management	3	FINC 3310		Principles of Finance	3
CPSC 4340		Database Design	3	COSC 4302		Operating Systems	3
CPSC 4330 or COSC 4319		Multimedia or Computer Graphics	3	CPSC 4317		Computer Networks	3
CPSC 4360		Software Engineering	3	COSC CPSC Elective		COSC/CPSC Elective	3
COSC CPSC Elective		COSC/CPSC Elective	3	COSC 4272		Senior Assessment	2
				COSC 1172		Think, Speak, Write	1
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>

Notes: