



**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>							

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>

**Third Year - Junior**

Fall Semester				Spring Semester			
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>

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

**Fourth Year - Senior**

Fall Semester			Spring Semester			
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: