✦ LEE COLLEGE | SH Sam Houston State University

TRANSFER PATHWAY: LEE COLLEGE TO SAM HOUSTON STATE UNIVERSITY
AS TO BS IN COMPUTER SCIENCE

First Year - Lee College							
Fall Semester				**Spring Semester**			
Lee College	**SHSU**	**Course Name**	**Hrs**	**Lee College**	**SHSU**	**Course Name**	**Hrs**
ENGL 1301	ENGL 1301	English Composition I	3	ENGL 1302	ENGL 1302	English Composition II	3
HIST 1301	HIST 1301	History of the United States to 1877	3	HIST 1302	HIST 1302	History of the United States Since 1877	3
Creative Arts	(Core 050)	Choose from Core Curriculum 050: Creative Arts	3	SPCH	(Core 090)	Choose from Core Curriculum 090: Component Area Option	3
Life Phys. Sci.	(Core 030)	Choose from Core Curriculum 030: Life & Physical Sciences	4	Life Phys. Sci.	(Core 030)	Choose from Core Curriculum 030: Life & Physical Sciences	4
EDUC 1200 (1)	Gen. Elect.	Learning Frameworks	2	MATH 2413 (2)(3)	MATH 1420	Calculus I with Analytic Geometry	4
Total			**15**	**Total**			**17**

Summer Session- Lee College							
(Core 040)	(Core 040)	Choose from Core Curriculum 040: Language, Philosophy, & Culture	3				
Total			**3**				

Second Year - Lee College							
Fall Semester				**Spring Semester**			
Lee College	**SHSU**	**Course Name**	**Hrs**	**Lee College**	**SHSU**	**Course Name**	**Hrs**
Life Phys. Sci. (4)	Life Phys. Sci.	Life Phys. Sci. Course (Degree Requirement Beyond Core)	4	(Core 080)	(Core 080)	Choose from Core Curriculum 080: Social and Behavioral Sciences	3
COSC 1436	COSC 1436	Programming Fundamentals I	4	Life Phys. Sci. (4)	Life Phys. Sci.	Life Phys. Sci. Course (Degree Requirement Beyond Core)	4
MATH 2414	MATH 1430	Calculus II	4	GOVT 2306	POLS 2306	Texas Government	3
GOVT 2305	POLS 2305	Federal Government	3	COSC 1437	COSC 1437	Programming Fundamentals II	4
Total			**15**	**Total**			**14**

Lee College Total Semester Hours: 64							

Third Year - Sam Houston State University						
Fall Semester			**Spring Semester**			
SHSU	**Course Name**	**Hrs**	**SHSU**	**Course Name**	**Hrs**	
COSC 2329	Computer Organization & Machine Language	3	COSC 4316	Compiler Design & Construction (spring only)	3	
COSC 2347	Special Topics/Programming	3	COSC 3319	Data Structures and Algorithms	3	
MATH 2395	Discrete Mathematics	3	MATH Adv.	MATH Advanced	3	
COSC 3318	Data Base Management Systems	3	COSC 3327	Computer Architecture	3	
Adv. Gen. Elect.	Adv. Gen. Elective 3000-4000 level (if needed)-see advisor	3	COSC 4327	Computer Operating Systems (spring only)	3	
Total		**15**			**15**	

Fourth Year - Sam Houston State University						
Fall Semester			**Spring Semester**			
SHSU	**Course Name**	**Hrs**	**SHSU**	**Course Name**	**Hrs**	
COSC 4318	Advanced Language Concepts	3	COSC 4319	Software Engineering	3	
COSC/DFSC	Advanced COSC/DFSC-see advisor	3	COSC 4349	Professionalism and Ethics	3	
STAT 3379	Statistical Methods in Practice	3	COSC/DFSC	Advanced COSC/DFSC-see advisor	3	
Adv. Gen. Elect.	Adv. Gen. Elective 3000-4000 level (if needed)-see advisor	3	COSC 4149	Seminar in Computer Science	1	
Adv. Gen. Elect.	Adv. Gen. Elective 3000-4000 level (if needed)-see advisor	3	Adv. Gen. Elect.	Adv. Gen. Elective 3000-4000 level (if needed)-see advisor	3	
Total		**15**			**13**	

SHSU Total Semester Hours: 58						

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Notes/Comments:

(1)   For First Time in College Students.

(2)   MATH 2413 (1420) satisfies Core Curriculum requirement for Component Area II (Mathematics) and one semester credit hour of Core Curriculum requirement for Component Area IX (Component Area Option),and the Degree Specific requirement.

(3)   Students may be placed in MATH 2413 through placement testing OR by completing all MATH prerequisites (MATH 1314,1316,and 2412). Student should consult with advisor regarding placement testing.

(4)   8 hours of science satisfies the Core Curriculum requirement for Component Area III (Life and Physical Science). An additional 8 hours of science satisfies the science component of the Degree Specific requirements.

Sam Houston State University - Transfer Infonnation

Program Specific Information:

Bachelor of*Science,* Computing*Science*

•   Additional information: Reference theProgram Landing Page for additional information,such as cost,delivery format, contact information,or to schedule a visit.

Transfer of Credit & Student Benefits:

Reverse transfer of credit.

Be A Bearkat **-** Transfer (shsu.edu)

Bearkat Transfer Scholarship available to full-time students:

o Please refer tohttp://www.shsu.edu/dept/financial-aid/scholarships/transfer.htmlforTransfer Scholarship Conditions and Renewal Scholarship Conditions

Transfer Honors students admitted to SHSU:

o willbe accepted to SHSU'sHonors College. Students must have a minimum GPA of 3.25 and satisfy other Honors College admission criteria (such as full-time enrollment of at least 12 hours)

o may transfer up to12 hours of transfer Honors credits

o will be eligible for additional scholarships

o may develop their transfer Honors thesis(if completed) into an SHSU Honors thesis (and thereby graduate"withHighest Honors")

o will be eligible,if space permits,to live in SHSU's dorms