

**KCTCS and Morehead State University  
AS to BS in Space Science**

<b>KCTCS</b>			<b>Morehead State University</b>	
Associate in Science			Bachelor of Science in Space Science	
<b>COURSE</b>	<b>HOURS</b>	<b>RECOMMENDED</b>	<b>COURSE</b>	<b>HOURS</b>
<i>General Education Core</i>			<i>General Education Core</i>	
<b>Writing/Assessing Information:</b>			<b>Writing/Assessing Information:</b>	
ENG 101	3		ENG 100	3
ENG 102	3		ENG 102	3
<b>Oral Communication</b>			<b>Oral Communication</b>	
Elective	3		CMSP 108	3
<b>Heritage/Humanities</b>			<b>Heritage/Humanities</b>	
Heritage elective	3		General Education Elective	3
Humanities Elective	3		General Education Elective	3
<b>Social Interaction</b>			<b>Social Interaction</b>	
Social Interaction elective (area 1)	3		General Education Elective	3
Social Interaction elective (area 2)	3		General Education Elective	3
Social Interaction elective	3		General Education Elective	3
<b>Science</b>			<b>Science</b>	
Science Elective	4	PHY 231	PHYS 231	4
Science Lab Elective	1	PHY 241	PHYS231A	1
Science Elective	3	AST 191	ASTR 111	3
Math or Science Elective	4	MA 113	MATH 175	4
<b>Mathematics</b>			<b>Mathematics</b>	
Math Elective	3	MA 109 or MT 109	MATH 152	3
Math or Science elective	4	MA 114	MATH 275	4
Math or Science Elective	4	MA 213	MATH 276	4
<b>Computer Literacy</b>			<b>Computer Literacy</b>	
Computer Literacy Elective	3	CIS 100 or CS 101	CIS 101	3
<b>Core Electives</b>			<b>Core Electives</b>	
General Education elective	3	AST 192	ASTR 112	3
<b>Total General Education</b>	<b>53</b>		<b>Total General Education</b>	<b>53</b>
<i>Other Degree Requirements</i>			<i>Other Degree Requirements</i>	
Elective	3	MA 214	MATH 363	3
Elective	3	ET 110	EET 141	3
Elective	3	ET 221	EET 241	3
Elective	3	ET 241	EET 242	3
<b>Total Electives</b>	<b>12</b>		<b>Total</b>	<b>12</b>
<b>TOTAL AS</b>	<b>65</b>		<b>Total: Minimum Number of Hours to Transfer:</b>	<b>65</b>

**Additional Courses to Complete Program**

**Courses that can be taken at either KCTCS or Morehead**

	4	PHY 232		PHYS 232	4
	1	PHY 242		PHYS 232A	1
	3	ET 242		EET 344	3
<b>Possible Additional KCTCS Hrs</b>	<b>8</b>			<b>Possible Additional Hours Transferred</b>	<b>8</b>
<b>TOTAL Possible KCTCS Hours</b>	<b>73</b>				
				<b>Morehead State University courses</b>	
				SCI 110 or IET 110	3
				PHYS 361	3
				PHYS 324	3
				PHYS 381	3
				PHYS 412	3
				EET 342 or EET 480	3
				EET 444 or EET 500	3
				ASTR 311	3
				ASTR 312	3
				GEOS 303	3
				PHYS 353	3
				SCI 498, SCI 499C or IER 499C	3
				Electives (10 or more hours 300 or above)	20
				<b>TOTAL University Courses</b>	<b>56</b>
				<b>Program Total:</b>	
				Total Transferred from AS	65
				Total Possible Additional Hours Transferred	8
				Total University Hours	56
				<b>TOTAL</b>	<b>129</b>