

**FOUR-YEAR DEGREE SEQUENCE (Twelve Semesters)  
BACHELOR OF ART IN JUDAIC STUDIES/BIOMEDICAL ENGINEERING**

Note: A minimum of 30 credits must be taken at WITS, of which at least 15 credits must be at the 300/400 (upper) level.

<b>Semester 1 – Completed via ISAP</b>				<b>Semester 2 – Completed via ISAP</b>			
<b>Courses</b>		<b>Credits</b>	<b>Courses</b>		<b>Credits</b>		
JPH 110 Introduction to Jewish Philosophy I		2	JPH 210 Introduction to Jewish Philosophy II		2		
BIB 130 Survey of Biblical Themes I		2	BIB 230 Survey of Biblical Themes II		2		
BIB 135 Topics in Bible I		3	BIB 235 Topics in Bible II		3		
BIB 140 Topics in Prophets I		2	BIB 240 Topics in Prophets II		2		
BIB 145 Topics in Ketuvim I		2	BIB 245 Topics in Ketuvim II		2		
JLW 115 Topics in Jewish Law I		2	JLW 215 Topics in Jewish Law II		2		
JST 160 Topics in Jewish Thought I		2	JST 260 Topics in Jewish Thought II		2		
<b>Total Semester Credits</b>		<b>15</b>	<b>Total Semester Credits</b>		<b>15</b>		
<b>Semester 3 Summer</b>				<b>Semester 4 Fall</b>			
<b>Courses</b>		<b>Credits</b>	<b>Courses</b>		<b>Credits</b>		
BIO 110 Biology I: Molecular and Cell		4	COM 101 Fundamentals of Communication		3		
ENG 101 English Composition I		3	Social Science: PSY 101 Introduction to Psychology		3		
MAT 231 Calculus I		4	Jewish Studies Area 1: Choose 1.5 credits from any BIB course		1.5		
			Jewish Studies Area 2: Choose 1.5 credits from any JLW course (upper level)		1.5		
			Stevenson CHEM 115/115L/115S General Chemistry I		4		
			Stevenson MATH 221 Calculus II		4		
			Stevenson SCI 215 Writing in the Sciences		3		
<b>Total Semester Credits</b>		<b>11</b>	<b>Total Semester Credits</b>		<b>20</b>		
<b>Semester 5 Spring</b>				<b>Semester 6 Summer</b>			
<b>Courses</b>		<b>Credits</b>	<b>Courses</b>		<b>Credits</b>		
Diversity: Choose 3 credits from HIS 315 Jews and Christians in Renaissance Europe, HIS 340 Women in Jewish History and Culture, HIS 350 Food and Culture, PSY 290 Multicultural Psychology, PSY 370 Social Psychology, PSY 397 Group Dynamics, or SOC 397 Group Dynamics		3	Stevenson CHEM 210 Organic Chemistry I		3		
Jewish Studies Area 1: Choose 1.5 credits from any BIB		1.5					
Jewish Studies Area 2: Choose 1.5 credits from any JLW course (upper level)		1.5	Technology: Choose 3 credits from CIS 101 Computer Concepts and Applications, CIS 204 Programming in Python, ART 115 Foundations of Adobe Creative Suite or ART 120 Introduction to Adobe Creative Suite		3		
Stevenson CHEM 116/116L/116S General Chemistry II		4					
Stevenson PHYS 215 General Physics I w/Calculus		4					
Stevenson BME 101 Intro to BME		3					
<b>Total Semester Credits</b>		<b>17</b>	<b>Total Semester Credits</b>		<b>6</b>		
<b>Semester 7 Fall</b>				<b>Semester 8 Spring</b>			
<b>Courses</b>		<b>Credits</b>	<b>Courses</b>		<b>Credits</b>		
Jewish Studies Area 3: Choose 1.5 credits from any ETH, HIS, JLT, JPH, or JST course (upper level)		1.5	Jewish Studies Area 3: Choose 1.5 credits from any ETH, HIS, JLT, JPH, or JST course (upper level)		1.5		
Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)		1.5	Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)		1.5		
Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)		1.5	Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)		1.5		
Fine Art: Choose 3 credits from ART 101 Fundamentals of Design, ART 115 Foundations of Adobe Creative Suite, ART 120 Introduction to Adobe Creative Suite, ART 150 Foundations of Design, or MUS 201 Dimensions of Music		3	Social Science (other than PSY): ECO 112 Microeconomics or SOC 101 Introduction to Sociology		3		

ENG 102 English Composition II	3	Stevenson BME 210 Thermodynamics	3
Stevenson BME 205 Problem Solving & Design	3	Stevenson BME 230 Biofluid Mechanics	3
Stevenson PHYS 216 General Physics II w/Calculus	4		
Stevenson MATH 222 Calculus III	4	Stevenson MATH 321 Intro to Differential Equations	3
<b>Total Semester Credits</b>	<b>21.5</b>	<b>Total Semester Credits</b>	<b>16.5</b>
<b>Semester 9 Fall</b>			
<b>Courses</b>	<b>Credits</b>	<b>Semester 10 Spring</b>	
		<b>Courses</b>	<b>Credits</b>
Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)	1.5	Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)	1.5
Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)	1.5	Jewish Studies Elective: Choose 1.5 credits from any BIB, ETH, HIS, JLT, JLW, JPH, or JST course (upper level)	1.5
BIO 220 Anatomy and Physiology I	4	Stevenson BME 315 Biomaterials	4
Stevenson BME 314 Biostatistics	3	Stevenson BME 320 Clinical Immersion	3
Stevenson BME 380 Biomechanics	4	Stevenson BME Elective 1	3
<b>Total Semester Credits</b>	<b>14</b>	<b>Total Semester Credits</b>	<b>13</b>

<b>Semester 11 Fall</b>			
<b>Courses</b>	<b>Credits</b>	<b>Semester 12 Spring</b>	
		<b>Courses</b>	<b>Credits</b>
Stevenson BME 335 Instrumentation	3	Stevenson BME 475 Design Capstone II	3
Stevenson BME 340 Systems Physiology	4	Stevenson BME Elective 2	3
Stevenson BME 470 Design Capstone I	3		
<b>Total Semester Credits</b>	<b>10</b>	<b>Total Semester Credits</b>	<b>6</b>