

**Table 3**  
**Course Contributions to BSCE Program Objectives**

Course			1	2	3	4	5
<b>Category</b>	<b>Courses</b>	<b>Credits</b>					
Communications	ENGL 111 and ENGL 211/213 and COM 131/141	9			***		*
Cultural awareness/aesthetic apprec.	ANTH/SOC 100 and ART 200 or HUM 201 or ANS 202	6			***		
Political economy	ECON/PS 100	3			***		
World History and Lit.	HIST 100 and ENGL/FL 200	6			***		
Library Sciences	LS 101	0			***		
Physical Sciences	CHEM 105, 106	8	***	***			
Physical Sciences	GE 261	3	**				
Physics	PHYS 211, 212	8	***	***			
Mathematics	MATH 200, 201, 202 and 302	15	***				
Intro. to Engineering/Programming	ES 101, 201	6	**	***	*		
AutoCAD	DRT 170	3	**		**		
Statics/dynamics	ES 209, 210	6	**				
Fluid Mechanics, Mech. of Materials	ES 341, 331	7	**				
Engineering Economics/Operations	ESM 450	3	**	*	*	***	**
Geotechnical engineering	CE 326	4	**	***	***		
Engineering analysis	ES 301	3	**				
Surveying	CE 112	3	**	***	*		
Properties of materials	CE 334	3	**	***			
Structures I	CE 431	3	**				
Structures II	CE 432	3	**				
Water Resources Engineering	CE 344	3	**	*			
Environmental	CE 441	4	**	**		***	
Transportation	CE 402	3	**				
General ethics	COMM 300	3			***	***	
Capstone design	CE 438	3		***	***	***	**
Fundamentals of engineering exam	CE 400	0					***
Technical electives	Civil Engineering Technical Electives AND	12		**	*		*
Electrical engineering	ES 307 OR	3	**				
Thermodynamics	ES 346	3	**				
	* Peripheral Attention						
	** Significant Attention						
	*** Primary Attention						