



**PROPOSED GENERAL EDUCATION RE-DESIGN - Revision 8 May 2017**  
**AA/AS Degree Program Course Calculator**

Program Name: **Business**

AA or AS?: **AA**

Pattern of Study? yes or no: **yes**

**INSTRUCTIONS:** Fill in yellow boxes; under "Course," enter course name and credit hours under "Hrs"; hours and warnings will automatically calculate.  
 Roman numerals in Program Requirements just represent "slots" to be filled.

General Education Core (min. 33.5 hrs)	COMPETENCIES and SUBCOMPETENCIES	minimum 33.5 hours, selected from below	Program Calculator			User Notes	
		Applicable Classes	Req Hrs	Course	Hrs		Warnings
	<b>I. Orientation</b>	INT 100 or 24 transfer credits	0.5	INT 100	0.5		Pre-filled example
	<b>II. Communication Skills</b>						
	1. Written Communications	ENG 100;ENG 101 [or substitution]	3	ENG 100	3		
	2. Oral Communications	COM 101;THTR 102;THTR 221	3	COM 101	3		
	3. Evidence-Based Communications	ENG 102	3	ENG 102	3		
	<b>III. Critical and Artistic Reasoning</b>						
	1. Mathematical Reasoning	MATH 120;MATH 126;MATH 128;MATH 181	3-5	MATH 128	5	2 add't program hrs	
	2. Scientific Reasoning	Any 100-199 Science Class or ANTH 102	3-4	ENV 100	3		Catalog: Science (3 cr)
	3. Scientific Data Interp./Collection	BIOL 190;CHEM 100, 121;GEOL 101;PHYS 100, 151	3-4	BIOL 190	4	1 add't program hr	Catalog: Science (4 cr)
	4. Artistic Reasoning	ART 100,101,107,160; FIS 100; MUS 101,121; THTR 100,105	3	THTR 100	3		Catalog: Fine Arts
	<b>IV. Human Societies and Experiences</b>						
	1. Structure of Societies	ANTH 101,201,202; CRJ 104; GEOG 106; HMS 200; PSY 101,208; SOC 101	3	ANTH 101	3		Catalog: Elective
	2. American Constitutions/Institutions	HIST 101/102* or PSC 101	3-6	HIST 101	3	HIST 102 needed	
	3. Humanities	ART 260,261; ENG 203,223; FREN 111,112; HIST 105,106;HUM 101,111; MUS 125; PHIL 102, 129; SPAN 111,112,211	3	PHIL 102	3		
	<b>V. Technological Proficiency</b>						
	1. Technological Proficiency	CIT 129; CS 135;GIS 109; GRC 119;IS 101	3	IS 101	3		
	<b>TOTAL GENERAL EDUCATION CORE</b>		<b>33.5 +</b>	<b>Complete</b>	<b>36.5</b>	<b>33.5 hrs Gen Ed plus 3 program hrs</b>	
Program Requirements (27 hrs)	<b>FOUNDATIONS COURSES (minimum 6 credit hours)</b>			<b>Course</b>	<b>Hrs</b>	<b>Warnings</b>	<b>User Notes</b>
	1. Foundations I	Additional Humanities / Fine Arts course	3-4	PSY 208	3		Catalog: Hum / Fine Arts
	2. Foundations II	Additional Social Science course	3-4	HIST 102	3	Use for HIST 102	Catalog: Elective
		<b>TOTAL FOUNDATIONS COURSES</b>	<b>6-8</b>	<b>Complete</b>	<b>6</b>	<b>Foundation Courses Complete</b>	
	<b>PROGRAM FOCUS COURSES (minimum 18 credit hours + overload from Gen Ed/Foundations)</b>					<b>Warnings</b>	<b>User Notes</b>
	Program Requirement I	Selected by program	3-4	ACC 201	3		
	Program Requirement II	Selected by program	3-4	ACC 202	3		
	Program Requirement III	Selected by program	3-4	ECON 102	3		
	Program Requirement IV	Selected by program	3-4	ECON 103	3		
	Program Requirement V / Elective	Selected by program	1-3	MKT 210	3	Please Select Course	
Program Requirement / Elective	Selected by program	1-3	Elective	3	Please Select Course	Catalog: Elective	
	<b>Additional GenEd/Foundations hours required by program for lab/MATH courses</b>		<b>varied</b>	<b>automatic</b>	<b>3</b>	<b>Hours required to meet Program Requirements</b>	
	<b>TOTAL PROGRAM FOCUS COURSES</b>		<b>21</b>	<b>Complete</b>	<b>21</b>	<b>Program Focus Courses Complete</b>	
	<b>TOTAL PROGRAM REQUIREMENT COURSES</b>		<b>27</b>	<b>Complete</b>	<b>27</b>	<b>Program Requirements Complete</b>	

NOTE: 2017 Catalog lists 60.5 hours for this pattern of study (page 95)

**Complete 60.5 Degree Requirements Met**



**PROPOSED GENERAL EDUCATION RE-DESIGN - Revision 8 May 2017**

**AA/AS Degree Program Course Calculator**

Program Name: **Engineering Science (begin with Calc)** AA or AS?: AS Pattern of Study? yes or no: yes

**INSTRUCTIONS:** Fill in yellow boxes; under "Course," enter course name and credit hours under "Hrs"; hours and warnings will automatically calculate.

Roman numerals in Program Requirements just represent "slots" to be filled.

COMPETENCIES and SUBCOMPETENCIES		minimum 33.5 hours, selected from below Applicable Classes		Program Calculator			
		Req Hrs	Course	Hrs	Warnings	User Notes	
General Education Core (33.5 hrs)	<b>I. Orientation</b>	INT 100 or 24 transfer credits	0.5	INT 100	0.5		Pre-filled example
	<b>II. Communication Skills</b>						
	1. Written Communications	ENG 100;ENG 101 [or substitution]	3	ENG 100	3		Catalog: Elective
	2. Oral Communications	COM 101;THTR 102;THTR 221	3	COM 101	3		
	3. Evidence-Based Communications	ENG 102	3	ENG 102	3		
	<b>III. Critical and Artistic Reasoning</b>						
	1. Mathematical Reasoning	MATH 120;MATH 126;MATH 128;MATH 181	3-5	MATH 181	4	1 add't program hrs	Catalog: Fine Arts
	2. Scientific Reasoning	Any 100-199 Science Class or ANTH 102	3-4	PHYS 180	4	1 add't program hr	
	3. Scientific Data Interp./Collection	BIOL 190;CHEM 100, 121;GEOL 101;PHYS 100, 151	3-4	PHYS 181	4	1 add't program hr	
	4. Artistic Reasoning	ART 100,101,107,160; FIS 100; MUS 101,121; THTR 100,105	3	ART 101	3		
	<b>IV. Human Societies and Experiences</b>						
	1. Structure of Societies	ANTH 101,201,202; CRJ 104; GEOG 106; HMS 200; PSY 101,208; SOC 101	3	CRJ 104	3		Catalog: ECON 102 (rec)
	2. American Constitutions/Institutions	HIST 101/102* or PSC 101	3-6	PSC 101	3		Catalog: Humanities
	3. Humanities	ART 260,261; ENG 203,223; FREN 111,112; HIST 105,106;HUM 101,111; MUS 125; PHIL 102, 129; SPAN 111,112,211	3	PHIL 102	3		
	<b>V. Technological Proficiency</b>						
1. Technological Proficiency	CIT 129; CS 135;GIS 109; GRC 119;IS 101	3	GIS 109	3		Catalog: Technology	
<b>TOTAL GENERAL EDUCATION CORE</b>		<b>33.5 +</b>	<b>Complete</b>	<b>36.5</b>	<b>33.5 hrs Gen Ed plus 3 program hrs</b>		
Program Requirements (27 hrs)	<b>FOUNDATIONS COURSES (minimum 6 credit hours)</b>			<b>Course</b>	<b>Hrs</b>	<b>Warnings</b>	<b>User Notes</b>
	1. Foundations I	Additional MATH Course or STAT 152	3-4	MATH 182	4	1 add't program hrs	
	2. Foundations II	Additional Science Lab Course	3-4	PHYS 182	4	1 add't program hr	
	<b>TOTAL FOUNDATIONS COURSES</b>			<b>6-8</b>	<b>Complete</b>	<b>8</b>	Foundation Courses Complete
	<b>PROGRAM FOCUS COURSES (minimum 18 credit hours + overload from Gen Ed/Foundations)</b>					<b>Warnings</b>	<b>User Notes</b>
	Program Requirement I	Must be additional Science Lab course	3-4	CHEM 121	4		Catalog: Science (3 cr)
	Program Requirement II	Selected by program	3-4	CHEM 122	4		
	Program Requirement III	Selected by program	3-4	MATH 283	4		
	Program Requirement IV	Selected by program	3-4	MATH 285	3		
	Program Requirement V / Elective	Selected by program	1-3	ECON 102	3	Please Select Course	
Additional GenEd/Foundations hours required by program for lab/MATH courses		varied	automatic	5	Hours required to meet Program Requirements		
<b>TOTAL PROGRAM FOCUS COURSES</b>			<b>21</b>	<b>CHECK</b>	<b>23</b>	<b>Overage - Please Check Courses</b>	
<b>TOTAL PROGRAM REQUIREMENT COURSES</b>			<b>27</b>	<b>CHECK</b>	<b>29</b>	<b>Excess Program Requirements</b>	

NOTE: 2017 Catalog lists 62.5 hours for this pattern of study (page 191)

**CHECK 62.5 Pattern of Study - check BA/BS hours**