

**A 10 40 0 Associate in Science – First Year**

COURSE NUMBER	COURSE TITLE	SEMESTER	CO-REQUISITES	PRE-REQUISITES	CREDITS
<b>STUDENT SUCCESS</b>					<b>1</b>
ACA 122	College Transfer Success			None	1
<b>COMPOSITION</b>					<b>6</b>
ENG 111	Writing and Inquiry		ENG 011	ENG 002 Tier 1	3
ENG 112	Writing/Research in the Disciplines			ENG 111	3
<b>MATHEMATICS</b>					<b>8</b>
<b>Select 2 courses from:</b> MAT 171 (MAT 003 Tier 2 or MAT 143 or MAT 152), MAT 172 (MAT 171 with a grade of C or higher), MAT 263 (MAT 171 with a grade of C or higher), MAT 271 (MAT 172 with a grade of C or higher), or MAT 272 (MAT 271 with a grade of C or higher). Note: Students cannot receive credit for both MAT 263 and MAT 271.					
			Varies	Varies – pre-requisites in parentheses	4
			Varies	Varies – pre-requisites in parentheses	4
<b>NATURAL SCIENCES</b>					<b>8</b>
<b>Select a two-course sequence from:</b> BIO 111-112 (ENG 002 Tier 1 and MAT 003 Tier 1), CHM 151-152 (ENG 002 Tier 1 and MAT 003 Tier 2, and either CHM 090 or one unit of HS Chemistry), PHY 151-152 (MAT 171 or MAT 271), or PHY 251-252 (MAT 271 and co-requisite MAT 272).					
			Varies	Varies – pre-requisites in parentheses	4
			Varies	Varies – pre-requisites in parentheses	4
<b>COMPUTER SCIENCE</b>					<b>3</b>
<b>Select 1 course from:</b> CIS 110 (ENG 002 Tier 1 and MAT 003 Tier 1) or CIS 115 (MAT 003 Tier 1).*					
				Varies – pre-requisites in parentheses	3
<b>SOCIAL/BEHAVIORAL SCIENCES</b>					<b>3</b>
<b>Select 2 courses from different disciplines (1 course each year):</b> ECO 251 (ENG 002 Tier 1 and MAT 003 Tier 1), ECO 252 (ENG 002 Tier 1 and MAT 003 Tier 1), HIS 111 (ENG 002 Tier 1), HIS 112 (ENG 002 Tier 1), HIS 131 (ENG 002 Tier 1), HIS 132 (ENG 002 Tier 1), POL 120 (ENG 002 Tier 1), PSY 150 (ENG 002 Tier 1), or SOC 210 (ENG 002 Tier 1).					
				Varies – pre-requisites in parentheses	3
<b>HEALTH/WELLNESS</b>					<b>2-3</b>
<b>Select 2-3 credit hours from:</b> HEA 110 – 3 credit hours (ENG 002 Tier 1), PED 110 – 2 credit hours (none), or two 1-credit-hour PED activity courses (Level 1 and Beginning activity courses have no pre-requisites; Level 2 and Intermediate activity courses have a pre-requisite of the corresponding Level 1 or Beginning activity courses).					
				Varies – pre-requisites in parentheses	Varies
<b>TOTAL SEMESTER HOURS REQUIRED FOR ASSOCIATE DEGREE – FIRST YEAR</b>					<b>31-32</b>

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**A 10 40 0 Associate in Science – Second Year**

COURSE NUMBER	COURSE TITLE	SEMESTER	CO-REQUISITES	PRE-REQUISITES	CREDITS
<b>MATHEMATICS/NATURAL SCIENCES</b>					<b>6-8</b>
<p><b>Select 2 courses from:</b>            MAT 172 (MAT 171 with a grade of C or higher), MAT 263 (MAT 171 with a grade of C or higher), MAT 271 (MAT 172 with a grade of C or higher), MAT 272 (MAT 271 with a grade of C or higher), MAT 273 (MAT 272 with a grade of C or higher), BIO 111 (ENG 002 Tier 1 and MAT 003 Tier 1), BIO 112 (BIO 111), CHM 151 (ENG 002 Tier 1 and MAT 003 Tier 2, and either CHM 090 or one unit of HS Chemistry), CHM 152 (CHM 151), PHY 151 (MAT 171 or MAT 271), PHY 152 (PHY 151), PHY 251 (MAT 271 and co-requisite MAT 272), or PHY 252 (MAT 272 and PHY 251)            NOTE: Students cannot receive credit for MAT 263 if they have taken MAT 271-272. Students can only receive credit for one PHY sequence in this degree.</p>					
			Varies	Varies – pre-requisites in parentheses	3-4
			Varies	Varies – pre-requisites in parentheses	3-4
<b>FOREIGN LANGUAGE</b>					<b>3</b>
<p><b>Select 1 course from:</b>            SPA 111 (none) or FRE 111 (none). Students may substitute any foreign language course coded as GEN ED: Humanities/Fine Arts from the Comprehensive Articulation Agreement (CAA) course list. Students may use a higher level SPA or FRE course in place of SPA 111 or FRE 111.</p>					
				Varies – pre-requisites in parentheses	3
<b>HUMANITIES/FINE ARTS</b>					<b>3</b>
<p><b>Select 1 course from:</b>            ART 111 (none), ART 114 (ENG 002 Tier 1), ART 115 (ENG 002 Tier 1), DRA 111 (none), ENG 231 (ENG 112), ENG 232 (ENG 112), ENG 241 (ENG 112), ENG 242 (ENG 112), MUS 110 (none), MUS 112 (none), or PHI 240 (ENG 111).</p>					
				Varies – pre-requisites in parentheses	3
<b>SOCIAL/BEHAVIORAL SCIENCES</b>					<b>3</b>
<p><b>Select 2 courses from different disciplines (1 course each year):</b>            ECO 251 (ENG 002 Tier 1 and MAT 003 Tier 1), ECO 252 (ENG 002 Tier 1 and MAT 003 Tier 1), HIS 111 (ENG 002 Tier 1), HIS 112 (ENG 002 Tier 1), HIS 131 (ENG 002 Tier 1), HIS 132 (ENG 002 Tier 1), POL 120 (ENG 002 Tier 1), PSY 150 (ENG 002 Tier 1), or SOC 210 (ENG 002 Tier 1). Note: This course must be from a different discipline than the first-year social/behavioral science course.</p>					
				Varies – pre-requisites in parentheses	3
<b>COMMUNICATIONS</b>					<b>3</b>
COM 231	Public Speaking			ENG 111	3

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**COLLEGE OF THE ALBEMARLE**

<b>OTHER REQUIRED MATHEMATICS/SCIENCES</b>				<b>3-4</b>	
<p><b>Select 1 course from:</b>            MAT 172 (MAT 171 with a grade of C or higher), MAT 263 (MAT 171 with a grade of C or higher), MAT 271 (MAT 172 with a grade of C or higher), MAT 272 (MAT 271 with a grade of C or higher), MAT 273 (MAT 272 with a grade of C or higher), MAT 280 (MAT 271 with a grade of C or higher), MAT 285 (MAT 272 with a grade of C or higher), BIO 111 (ENG 002 Tier 1 and MAT 003 Tier 1), BIO 112 (BIO 111), BIO 163 (ENG 002 Tier 1, and either BIO 090 or one unit of HS Biology) BIO 168 (ENG 002 Tier 1 and MAT 003 Tier 2, and either BIO 090 or one unit of HS Biology, and either CHM 090 or one unit of HS Chemistry), BIO 169 (BIO 168), BIO 275 (BIO 111 or BIO 163 or BIO 168), CHM 130 (CHM 090 or one unit of HS Chemistry), CHM 151 (ENG 002 Tier 1 and MAT 003 Tier 2, and either CHM 090 or one unit of HS chemistry), CHM 152 (CHM 151), PHY 151 (MAT 171 or MAT 271), PHY 152 (PHY 151), PHY 251 (MAT 271 and Co-requisite MAT 272), or PHY 252 (MAT 272 and PHY 251)</p> <p>NOTE: Students cannot receive credit for BIO 163 if they have taken BIO 168-169. Students cannot receive credit for CHM 130 if they have taken CHM 151-152. Students cannot receive credit for MAT 263 if they have taken MAT 271-272. Students can only receive credit for one PHY sequence in this degree.</p>					
				Varies – pre-requisites in parentheses	3-4
<b>ADDITIONAL COURSEWORK</b>				<b>4-8</b>	
Select 4-8 additional credit hours from the College of The Albemarle list of Comprehensive Articulation Agreement (CAA) courses.					4-8
				Varies	Varies
				Varies	Varies
<b>TOTAL SEMESTER HOURS REQUIRED FOR ASSOCIATE DEGREE</b>					<b>60-61**</b>

\*This requirement is used to demonstrate computer literacy to meet institutional core competencies. Students may also demonstrate this proficiency via high school articulated credit, course substitution, or credit by exam (CBE). Students requesting CBE must provide substantial reason(s) why they are qualified to sit for the exam. If computer literacy proficiency is demonstrated in a manner which does not result in degree credit, 3 credit hours of General Education electives from the CAA list must be taken in place of CIS 110.

\*\*The total number of elective hours needed is based upon course choices made in the Mathematics/Natural Sciences and Health/Wellness areas. A student must have 60-61 credit hours to complete the degree.

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## A 10 40 0 Associate in Science Suggested Sequence of Courses

First Year Fall Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
ACA 122 College Transfer Success	Pre-Requisites: None	0	2	0	2	1
ENG 111 Writing and Inquiry	Pre-Requisites: ENG 002 Tier 1 Co-Requisites: ENG 011	3	0	0	3	3
Mathematics	Pre-Requisites: Varies Co-Requisites: Varies	3	2	0	5	4
Natural Science	Pre-Requisites: Varies Co-Requisites: Varies	3	2-3	0	5-6	4
Computer Science	Pre-Requisites: Varies	2	2-3	0	4-5	3
<b>TOTAL SEMESTER HOURS</b>		<b>11</b>	<b>8-10</b>	<b>0</b>	<b>19-21</b>	<b>15</b>
First Year Spring Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
ENG 112 Writing/Research in Disciplines	Pre-Requisites: ENG 111	3	0	0	3	3
Mathematics	Pre-Requisites: Varies Co-Requisites: Varies	3	2	0	5	4
Natural Science	Pre-Requisites: Varies Co-Requisites: Varies	3	2-3	0	5-6	4
Social/Behavioral Science	Pre-Requisites: Varies	3	0	0	3	3
Health/Wellness	Pre-Requisites: Varies	0-3	2-3	0	2-3	2-3
<b>TOTAL SEMESTER HOURS</b>		<b>12-15</b>	<b>6-8</b>	<b>0</b>	<b>18-20</b>	<b>16-17</b>
Second Year Fall Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
Mathematics/ Natural Science	Pre-Requisites: Varies Co-Requisites: Varies	2-3	2-3	0	5-6	3-4
Social/Behavioral Science	Pre-Requisites: Varies	3	0	0	3	3
Humanities/Fine Arts	Pre-Requisites: Varies	3	0	0	3	3
Foreign Language	Pre-Requisites: None	3	0	0	3	3
Elective(s) (CAA)	Pre-Requisites: Varies	Varies	Varies	0	Varies	2-3
<b>TOTAL SEMESTER HOURS</b>		Varies	Varies	0	Varies	<b>14-16</b>
Second Year Spring Semester Course Number and Title	Pre-Requisites and Co-Requisites	Class Hours	Lab Hours	Clinical Hours	Total Contact Hours	Total Credit Hours
Mathematics/ Natural Science	Pre-Requisites: Varies Co-Requisites: Varies	3	2-3	0	5-6	4
Mathematics/ Natural Science	Pre-Requisites: Varies Co-Requisites: Varies	2-3	2-3	0	5-6	3-4
COM 231 Public Speaking	Pre-Requisites: ENG 111	3	0	0	3	3
Elective(s) (CAA)	Pre-Requisites: Varies	Varies	Varies	0	Varies	2-5
<b>TOTAL SEMESTER HOURS</b>		Varies	Varies	0	Varies	<b>12-16</b>
<b>TOTAL DEGREE HOURS REQUIRED FOR ASSOCIATE DEGREE</b>						<b>60-61*</b>

\*Number of hours of elective coursework needed is based upon course choices made in the first year mathematics course, in other general education hours, and in the health/wellness choice. Courses should be chosen based upon requirements for student's intended major at the receiving four-year institution. A student must have 60-61 credit hours to complete the degree.