

# Associate of Arts to BA in Forensic Science/Biochemistry

DMACC courses that meet Simpson College major requirements	✓	Simpson College major requirements	
CHM 165 General/Inorganic Chemistry I	✓	Chem 101 Bonds & Structures I	4
CHM 175 General /Inorganic Chemistry II	✓	Chem 102 Bonds & Structures II	4
CHM 263 Organic Chemistry I	✓	Chem 201 Organic Chemistry I	4
CHM 273 Organic Chemistry II	✓	Chem 202 Organic Chemistry II	4
		Chem 301 Physical Chemistry I	3
		Chem 307 Instrumental Analysis	4
		Chem 330 Biochemistry	3
		Chem 330L Biochemistry Lab <b>or</b> Biol 334L Cellular Biochemistry Lab	1
		Chem 390L Methods in Forensic Lab	3
BIO 112 Principles of Biology I	✓	Biol 111 Principles of Biology II	4
		Biol 334 Cellular Biology	3
BIO 250 Cell & Molecular Biology II	✓	Biol 360 Molecular Genetics	4
		Biol/Chem 370 Biochemistry Seminar	1.5
		Biol/Chem 398 Independent Research <b>and/or</b> Co-op 319 Internship	1-3
CRJ 100 Intro to Criminal Justice	✓	CJ 220 Criminal Justice Systems	3
CRJ 141 Criminal Investigation I	✓	CJ 222 Criminal Investigations	3
		<b>2 electives</b>	
BIO 732 Health Science Microbiology	✓	Biol 251 Microbiology	4
SOC 240 Criminology	✓	CJ 343 Criminology	3
		<b>Required Supporting Courses</b>	
PHY 162 & 172 College Physics I & II <b>or</b> PHY 213 & 223 Classical Physics I & II	✓	Phys 151/152/L Principles of Physics I & II <b>or</b> Phys191/192/L General Physics I & II	8
MAT 166 Calc for Bus/Social Science <b>or</b> MAT 211&217 Calculus I&II**	✓	Math 140 Elements of Calculus <b>or</b> Math 151 Calculus I&II**	4-8
MAT 157 Elementary Statistics <b>or</b> BUS 213 Statistical Business Applications <b>or</b> BUS 211 Business Statistics	✓	Math 201 Elementary Statistics	3
DMACC courses that meet Simpson College cornerstone requirements		Simpson College cornerstone (CS) requirements	
HIS 112	✓	1a The Classical, Judaeo-Christian Tradition	3
HIS 113	✓	1b The Modern Tradition	3
BIO 112*	✓	2a Scientific Perspective	4
BIO 113*	✓	2b Scientific Perspective	3
One of the following: ANT 105, ECN 120, 130, POL 111, 121, PSY 111, SOC 110, 115	✓	3 Social Science Perspective	3
One of the following: ANT 105, ECN 120, 130, POL 111, 121, PSY 111, SOC 110, 115	✓	3 Social Science Perspective	3
One of the following: PHI 101, 105, 110, REL 101	✓	4a Humanistic Perspective	3
One of the following: HIS 150, 153, LIT 101, 110, 111, 115, 142, 166, 185, 188, 193	✓	4b Humanistic Perspective	3
Any HIS 150, 153, LIT 101, 110, 111, 115, 142, 166, 185, 188, 193, PHI 101, 105, 110, REL 101 not already taken	✓	4a or 4b Humanistic Perspective	3
One of the following: ART 101, DRA 101, MUS 100	✓	5 Fine Arts Perspective	3
One of the following: LITR 130, 190, SOC 200	✓	6 Minority Perspective	3

DMACC courses that meet Simpson College competency requirements		Simpson College competency requirements	
		7 Global Awareness May Term	3
		8 Senior Colloquium	3
ENG 105	✓	Eng 101	3
ENG 106	✓	Eng 102	3
BUS 211 or MAT 157	✓	Quantitative Reasoning (Math) competency	3
		Foreign Language competency ( <i>full-time only</i> ) Three years of the same language in high school or:	
FLS 141 or FLF 141 or FLG 141	✓	Span 101 or Fren 101 or Ger 101	3
FLS 142 or FLF 142 or FLG 142	✓	Span 102 or Fren 102 or Ger 102	3

\*course meets more than one Simpson College requirement

\*\*recommended if planning to enter a graduate program