

Associate in Science

44 Semester Hour General Education Core

- CAA
 CAA (Gen. Ed. Core only)
 No CAA

All college transfer courses submitted for graduation require a minimum grade of "C".
 As section requirements are met, please check box to the left of section.

Graduation Requirements

COM 231 is preferred.

ACA 115 (1)			COM 231, 120, or 140 (3)
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Transfer credit from other colleges:

ACA 122 (1), COM 110 (3)			
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English/Composition (6 semester hours)

English 111 is required. All courses are 3 semester hours.

ENG 111		ENG 112		ENG 113		ENG 114	
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Humanities/Fine Arts (6 semester hours)

1 literature* course is required. All courses are 3 semester hours. Courses must be from 2 different disciplines.

ART 111		ENG 261*		HUM 130		REL 110	
ART 114		ENG 262*		HUM 150		REL 111	
ART 115		FRE 111		HUM 160		REL 112	
ART 117		FRE 112		HUM 211		REL 211	
DRA 111		FRE 211		HUM 212		REL 212	
DRA 112		FRE 212		HUM 220		SPA 111	
DRA 122		GER 111		MUS 110		SPA 112	
DRA 126		GER 112		MUS 112		SPA 211	
DRA 211		GER 211		MUS 113		SPA 212	
ENG 131*		GER 212		MUS 114			
ENG 231*		HUM 110		MUS 210			
ENG 232*		HUM 115		PHI 210			
ENG 241*		HUM 120		PHI 215			
ENG 242*		HUM 121		PHI 230			
ENG 243*		HUM 122		PHI 240			

Transfer Credit Courses (3 each unless otherwise noted)

ARA 111, 112, 211, 212	
ART 116	
ASL 111, 112, 211, 212	
CHI 111, 112, 211, 212	
DAN 110, 211, 212	
DRA 115, 126, 212	
ENG 233, 251, 252	
HUM 161	
ITA 111, 112, 211, 212	
JPN 111, 112, 211, 212	
LAT 111, 112, 211, 212	
LAT 141, 142, 231, 232 (4 ea)	
MUS 115, 211, 212, 213	
PHI 220, 221	
POR 111, 112, 211, 212	
REL 221	
RUS 111, 112, 211, 212	

Social/Behavioral Sciences (9 semester hours)

1 history* course is required. All courses are 3 semester hours unless noted in parentheses. .

Courses must be from 3 different disciplines

ANT 210		HIS 112*		PSY 237			
ANT 220		HIS 115*		PSY 239			
ANT 240		HIS 131*		PSY 241			
ECO 151		HIS 132*		PSY 281			
ECO 251		POL 110		SOC 210			
ECO 252		POL 120		SOC 213			
GEO 111		POL 210		SOC 220			
GEO 112		POL 220		SOC 225			
HIS 111*		PSY 150		SOC 240			

Transfer Credit Courses (3 each):

ANT 221, 230, 230A (1)	
GEO 113, 130	
HIS 114, 121, 122	
SOC 230	

Natural Sciences/Mathematics (20 Semester Hours Required)

(6 additional semester hours must be selected from Natural Sciences/Mathematics gen. ed courses)

Natural Sciences (8 semester hours minimum)

All courses are 4 semester hours unless noted in parentheses. Lab components* are co-requisites. **A two-course sequence is required.** Only BIO 110 or BIO 111 will be counted toward General Education Core Hours—not both.

BIO 111		CHM 151		PHY 151		PHY 251	
BIO 112		CHM 152		PHY 152		PHY 252	
Courses listed below do not meet two-course sequence, but do meet gen. ed. core requirement in Nat. Science							
BIO 110 OR 111		CHM 132		GEL 111			
BIO 120		CHM 135		GEL 113			
BIO 130		CHM 136		GEL 230			
BIO 140 (3)							
BIO 140A* (1)							

Transfer Credit Courses (4 each):

AST 151/151A, 152/152A	
CHM 131/131A	
GEL 120	

Mathematics (6 semester hours minimum)

One course must be MAT 171 or higher. All courses are 3 semester hours unless noted in parentheses.

MAT labs are co-requisites and count as electives.

MAT 151		MAT 175 (4)		CIS 110			
MAT 171		MAT 271 (4)		CIS 115			
MAT 172		MAT 272 (4)					
		MAT 273 (4)					

Transfer Credit Courses (3 each):

MAT 141, 142	
MAT 155	
MAT 162, 165	
MAT 263	

Electives – Associate in Science 20 semester hours required – 14 hours required from math, natural science or computer science (**check pre-major sheet requirements**). Any approved transfer course can be taken as an elective. No elective course can be substituted for approved general education core courses. The following are electives in addition to those listed on the reverse side of this paper. All PEDs are electives.

ACC 120 (4)	BIO 146 (4)	CSC 130 (4)	ENG 135 (3)	HIS 229 (3)	MUS 123 (1)	POR 141 (3)
ACC 121 (4)	BIO 150 (3)	CSC 134 (3)	ENG 234 (3)	HIS 230 (3)	MUS 131 (1)	POR 181 (1)
ANT 240A (2)	BIO 155 (3)	CSC 136 (3)	ENG 235 (3)	HIS 231 (3)	MUS 132 (1)	POR 182 (1)
ANT 245 (3)	BIO 163 (5)	CSC 139 (3)	ENG 253 (3)	HIS 232 (3)	MUS 133 (1)	POR 221 (3)
ARA 181 (1)	BIO 165 (4)	CSC 151 (3)	ENG 265 (3)	HIS 233 (3)	MUS 134 (1)	POR 231 (3)
ARA 182 (1)	BIO 166 (4)	CSC 220 (4)	ENG 266 (3)	HIS 234 (3)	MUS 135 (1)	POR 281 (1)
ART 110 (2)	BIO 168 (4)	CSC 239 (3)	ENG 271 (3)	HIS 235 (3)	MUS 136 (1)	POR 282 (1)
ART 113 (3)	BIO 169 (4)	CTS 115 (3)	ENG 272 (3)	HIS 236 (3)	MUS 137 (1)	PSY 211 (3)
ART 118 (3)	BIO 173 (3)	DFT 170 (3)	ENG 273 (3)	HIS 241 (3)	MUS 138 (1)	PSY 215 (3)
ART 121 (3)	BIO 175 (3)	DRA 120 (3)	ENG 274 (3)	HIS 242 (3)	MUS 141 (1)	PSY 231 (3)
ART 122 (3)	BIO 176 (2)	DRA 124 (3)	ENG 275 (3)	HIS 251 (3)	MUS 142 (1)	PSY 243 (3)
ART 130 (2)	BIO 180 (3)	DRA 128 (3)	FRE 141 (3)	HIS 252 (3)	MUS 151 (1)	PSY 246 (3)
ART 131 (3)	BIO 221 (4)	DRA 130 (3)	FRE 151 (3)	HIS 260 (3)	MUS 152 (1)	PSY 247 (3)
ART 132 (3)	BIO 222 (4)	DRA 131 (3)	FRE 161 (3)	HIS 261 (3)	MUS 161 (2)	PSY 249 (3)
ART 135 (3)	BIO 223 (3)	DRA 132 (3)	FRE 181 (1)	HIS 262 (3)	MUS 162 (2)	PSY 259 (3)
ART 140 (2)	BIO 224 (2)	DRA 135 (3)	FRE 182 (1)	HIS 271 (3)	MUS 170 (3)	PSY 263 (3)
ART 171 (3)	BIO 225 (2)	DRA 136 (3)	FRE 221 (3)	HUM 123 (3)	MUS 173 (3)	PSY 271 (3)
ART 212 (1)	BIO 226 (2)	DRA 140 (3)	FRE 231 (3)	HUM 140 (3)	MUS 174 (3)	PSY 275 (3)
ART 213 (1)	BIO 227 (2)	DRA 141 (3)	FRE 281 (1)	HUM 145 (3)	MUS 175 (2)	RUS 181 (1)
ART 214 (1)	BIO 230 (4)	DRA 142 (3)	FRE 282 (1)	HUM 170 (3)	MUS 176 (2)	RUS 182 (1)
ART 222 (3)	BIO 231 (4)	DRA 143 (3)	GEL 220 (4)	HUM 180 (3)	MUS 181 (4)	RUS 221 (3)
ART 223 (3)	BIO 232 (4)	DRA 145 (2)	GEO 110 (3)	HUM 225 (3)	MUS 182 (4)	RUS 231 (3)
ART 231 (3)	BIO 235 (4)	DRA 147 (3)	GEO 121 (3)	HUM 230 (3)	MUS 214 (2)	RUS 281 (1)
ART 232 (3)	BIO 236 (4)	DRA 150 (3)	GEO 131 (4)	HUM 240 (3)	MUS 215 (2)	RUS 282 (1)
ART 235 (3)	BIO 240 (3)	DRA 151 (1)	GEO 132 (4)	ITA 181 (1)	MUS 217 (2)	SOC 215 (3)
ART 240 (3)	BIO 242 (3)	DRA 160 (2)	GER 141 (3)	ITA 182 (1)	MUS 221 (4)	SOC 232 (3)
ART 241 (3)	BIO 243 (4)	DRA 170 (3)	GER 161 (3)	ITA 221 (3)	MUS 222 (4)	SOC 234 (3)
ART 242 (3)	BIO 250 (4)	DRA 171 (3)	GER 181 (1)	ITA 231 (3)	MUS 231 (1)	SOC 242 (3)
ART 243 (3)	BIO 265 (4)	DRA 175 (3)	GER 182 (1)	ITA 281 (1)	MUS 232 (1)	SOC 244 (3)
ART 244 (3)	BIO 271 (3)	DRA 176 (3)	GER 221 (3)	ITA 282 (1)	MUS 233 (1)	SOC 245 (3)
ART 245 (3)	BIO 272 (3)	DRA 230 (3)	GER 231 (3)	JOU 110 (3)	MUS 234 (1)	SOC 250 (3)
ART 246 (3)	BIO 273 (2)	DRA 231 (3)	GER 281 (1)	JOU 216 (3)	MUS 235 (1)	SOC 252 (3)
ART 247 (3)	BIO 275 (4)	DRA 240 (3)	GER 282 (1)	JOU 217 (3)	MUS 236 (1)	SOC 254 (3)
ART 248 (3)	BIO 280 (3)	DRA 241 (3)	GIS 111 (3)	JOU 242 (3)	MUS 237 (1)	SPA 141 (3)
ART 250 (3)	BIO 285 (4)	DRA 243 (3)	HEA 110 (3)	JPN 181 (1)	MUS 238 (1)	SPA 151 (3)
ART 251 (3)	BUS 110 (3)	DRA 245 (3)	HEA 112 (2)	JPN 182 (1)	MUS 241 (1)	SPA 161 (3)
ART 252 (3)	BUS 115 (3)	DRA 250 (2)	HEA 120 (3)	LAT 181 (1)	MUS 242 (1)	SPA 181 (1)
ART 260 (3)	BUS 137 (3)	DRA 251 (3)	HIS 116 (3)	LAT 182 (1)	MUS 251 (1)	SPA 182 (1)
ART 261 (3)	BUS 228 (3)	DRA 260 (3)	HIS 117 (3)	LAT 281 (1)	MUS 252 (1)	SPA 221 (3)
ART 262 (3)	CHI 181 (1)	DRA 270 (3)	HIS 124 (3)	LAT 282 (1)	MUS 253 (1)	SPA 231 (3)
ART 263 (3)	CHI 182 (1)	DRA 271 (3)	HIS 141 (3)	MAT 141A (1)	MUS 261 (1)	SPA 281 (1)
ART 264 (3)	CHM 115 (3)	DRA 275 (3)	HIS 145 (3)	MAT 142A (1)	MUS 262 (1)	SPA 282 (1)
ART 265 (3)	CHM 115A (1)	DRA 276 (3)	HIS 151 (3)	MAT 145 (3)	MUS 263 (1)	
ART 266 (3)	CHM 130 (3)	EDU 144 (3)	HIS 153 (3)	MAT 145A (1)	MUS 264 (1)	
ART 267 (3)	CHM 130A (1)	EDU 145 (3)	HIS 160 (3)	MAT 151A (1)	MUS 265 (1)	
ART 271 (3)	CHM 251 (4)	EDU 146 (3)	HIS 161 (3)	MAT 155A (1)	MUS 270 (3)	
ART 274 (3)	CHM 252 (4)	EDU 146 216 (4)	HIS 162 (3)	MAT 161 (3)	MUS 271 (3)	
ART 275 (3)	CHM 261 (4)	EGR 150 (2)	HIS 163 (3)	MAT 161A (1)	MUS 272 (3)	
ART 281 (3)	CHM 263 (5)	EGR 210 (2)	HIS 164 (3)	MAT 162A (1)	MUS 273 (3)	
ART 282 (3)	CHM 265 (4)	EGR 211 (3)	HIS 165 (3)	MAT 165A (1)	MUS 274 (3)	
ART 283 (3)	CHM 271 (3)	EGR 212 (3)	HIS 167 (3)	MAT 167 (3)	MUS 280 (3)	
ART 284 (3)	CHM 271A (1)	EGR 213 (4)	HIS 211 (3)	MAT 167A (1)	MUS 281 (4)	
ART 285 (3)	CJC 111 (3)	EGR 215 (3)	HIS 212 (3)	MAT 171A (1)	MUS 282 (4)	
ART 286 (3)	CJC 121 (3)	EGR 216 (1)	HIS 213 (3)	MAT 172A (1)	MUS 283 (2)	
ART 288 (3)	CJC 141 (3)	EGR 218 (3)	HIS 214 (3)	MAT 175A (1)	PHI 250 (3)	
ART 289 (3)	COM 111 (3)	EGR 219 (1)	HIS 215 (3)	MAT 210 (3)	PHS 110 (4)	
ASL 181 (1)	COM 130 (3)	EGR 220 (3)	HIS 216 (3)	MAT 210A (1)	PHS 121 (4)	
ASL 182 (1)	COM 150 (3)	EGR 225 (3)	HIS 221 (3)	MAT 252 (3)	PHS 122 (4)	
ASL 281 (1)	COM 160 (3)	EGR 228 (3)	HIS 222 (3)	MAT 252A (1)	PHS 130 (4)	
ASL 282 (1)	COM 232 (3)	EGR 230 (3)	HIS 223 (3)	MAT 263A (1)	PHS 140 (3)	
AST 111 (3)*	COM 233 (3)	ENG 125 (3)	HIS 224 (3)	MAT 280 (3)	PHY 110 (3)*	
AST 111A (1)*	COM 250 (3)	ENG 126 (3)	HIS 225 (3)	MAT 285 (3)	PHY 110A (1)*	
AST 251 (2)	COM 251 (3)	ENG 132 (3)	HIS 226 (3)	MUS 111 (3)	PHY 153 (4)	
BIO 143 (2)	COM 252 (3)	ENG 133 (3)	HIS 227 (3)	MUS 121 (4)	PHY 253 (4)	
BIO 145 (4)	CSC 120 (4)	ENG 134 (3)	HIS 228 (3)	MUS 122 (4)	POL 130 (3)	

Note: Remember that 50% of all credits must be taken at A-B Tech to receive a degree.

Elective Courses

Course		

* For the A.S. degree at A-B Tech only, these courses are treated as electives. If you do not wish to earn the A-B Tech degree, you may use these two courses as part of the A.S. general education core and A-B Tech will certify completion of the core.