



Biology Major Pathway
Appalachian State University (9 Semester Hours)

AS to BS in BIO at APP

SEMESTER 1 FALL

- ACA 122 (FA,SP,SU).....1
- ENG 111 (FA,SP,SU).....3
- MAT 171 (FA,SP,SU).....4
- SOC SCIENCE GROUP3

SEMESTER 2 SPRING

- ENG 112 * (FA,SP,SU).....3
- MAT 172 * (FA,SP,SU).....4
- BIO 111 (FA,SP,SU)43

SEMESTER 3 FALL

- BIO 112 * (SP, SU).....4
- MAT 271 * (FA,SP,SU).....4
- ELECTIVE GROUP1

SEMESTER 4 SPRING

- MAT 152 (FA,SP,SU).....4
- PHY 151 * (FA, SP)4

SEMESTER 5 FALL

- HUM/FA GROUP3
- PHY 152 * (FA, SP)4

SEMESTER 6 SPRING

- HUM/FA GROUP3
- CHM 151 (FA,SP,SU)4

SEMESTER 7 FALL

- CHM 152 * (FA, SP).....4
- SOC SCIENCE GROUP3

TOTAL.....60

**Has a prerequisite*

SOC SCIENCE GROUP

- ECO 251 (FA,SP,SU)
- ECO 252 (FA,SP,SU)
- HIS 111 (FA,SP,SU)
- HIS 112 (FA,SP,SU)

- HIS 131 (FA,SP,SU)
- HIS 132 (FA,SP,SU)
- POL 120 (SP)

- PSY 150 (FA,SP,SU)
- SOC 210 (FA,SP,SU)

HUM/FA GROUP

- ART 111 (FA,SP,SU)
- ART 114 * (FA,SP)
- ART 115 * (FA,SP)
- COM 231 *(FA,SP,SU)
- ENG 231 * (FA,SP)
- ENG 232 * (SP)

- ENG 241 * (FA)
- ENG 242 * (SP,SU)
- MUS 110 (FA,SP,SU)
- MUS 112 (FA,SP,SU)

- PHI 215* (SP)
- PHI 240* (FA, SP, SU)

ELECTIVES GROUP

- ACC 120 (FA,SP,SU)
- ACC 121 (FA,SP,SU)
- ART 111 (FA,SP,SU)
- ART 114 *(FA,SP)
- ART 115 * (FA,SP)
- ART 121 (SP,SU)
- ART 122 (FA,SP)
- ART 131 (FA,SP)
- ART 132 * (FA,SP)
- ART 231 (SP,SU)
- ART 232 * (SP,SU)
- ART 240 (FA,SP)
- ART 241 *(FA,SP)
- ART 261 (FA,SP)
- ART 262 * (FA,SP)
- AST 111/A (FA,SP)
- BIO 130 (SP)
- BIO 140 (FA)
- BIO 155 (SP)
- BIO 163 (FA,SP)
- BIO 168 * (FA,SP,SU)
- BIO 169 * (FA,SP,SU)
- BIO 275 * (FA,SP,SU)
- BUS 110 (FA,SP,SU)
- BUS 115 (FA,SP,SU)
- BUS 137 (FA,SP,SU)
- CHM 131/A (FA,SP,SU)
- CIS 110 (FA,SP,SU)
- CIS 115 (FA)
- CJC 111 (FA,SP,SU)
- CJC 121 (FA,SP,SU)
- CJC 141 (SP, SU)
- COM 110 (FA,SP,SU)
- COM 120 (FA,SP)
- COM 231 *(FA,SP,SU)
- CSC 134 (SP)
- CSC 151 (FA,SP)
- CTS 115 (FA,SP)
- ECO 251 (FA,SP,SU)
- ECO 252 (FA,SP,SU)
- EDU 144 (FA,SP)
- EDU 145 (FA,SP)
- EDU 216 (FA,SP,SU)
- EDU 221 * (FA,SP,SU)
- EGR 150 (FA)
- ENG 114 * (FA,SP,SU)
- ENG 125 * (SP)
- ENG 126 * (SP)
- ENG 231 * (FA,SP)
- ENG 232 *(SP)
- ENG 241 * (FA)
- ENG 242 *(SP,SU)
- ENG 273 *(SP)
- HEA 110 (FA,SP,SU)

- HEA 112 (FA, SU)
- HEA 120 (FA,SP,SU)
- HIS 111 (FA,SP,SU)
- HIS 112 (FA,SP,SU)
- HIS 131 (FA,SP,SU)
- HIS 132 (FA,SP,SU)
- HUM 115 (FA,SP,SU)
- HUM 120 (FA)
- HUM 130 (SP)
- LAT 111 (FA)
- LAT 112 (SP)
- MAT 143 (FA,SP,SU)
- MAT 263 * (FA,SP)
- MAT 273 * (FA,SP,SU)
- MAT 280 *(FA)
- MAT 285 * (SP)
- MUS 110 (FA,SP,SU)
- MUS 111 (FA,SP)
- MUS 112 (FA,SP,SU)
- MUS 121 (FA)
- MUS 122 * (SP)
- MUS 131 (FA,SP)
- MUS 132 * (SP)
- MUS 221 * (FA)
- MUS 222 * (SP)
- MUS 231 * (FA,SP)
- MUS 232 * (FA,SP)
- PED 110 (FA)

- PED 111 (FA,SP,SU)
- PED 122 (FA,SP,SU)
- PED 142 (FA)
- PED 143 (SU)
- PED 171 (SP)
- PHI 215 *(SP)
- PHI 240 * (FA,SP,SU)
- PHY 110/A (FA,SP)
- PHY 251 *FA)
- PHY 252 * (SP)
- POL 120 (SU)
- POL 130 (FA, SU)
- POL 210 (SP)
- POL 220 (FA, SU)
- PSY 150 (FA,SP,SU)
- PSY 241 * (FA,SP,SU)
- PSY 281 *(FA,SP,SU)
- REL 110 (FA,SP,SU)
- REL 211 (FA)
- REL 212 (SP)
- SOC 210 (FA,SP,SU)
- SOC 213 (FA,SP)
- SOC 220 (FA,SP,SU)
- SOC 225 (SU)
- SPA 111 (FA,SP,SU)
- SPA 112 * (FA,SP,SU)
- SPA 211 * (FA,SP,SU)
- SPA 212 * (SU)



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- ACA 122 (FA,SP,SU).....1
- ENG 111 (FA,SP,SU).....3
- MAT 171 (FA,SP,SU).....4
- SOC SCIENCE GROUP3
- SOC SCIENCE GROUP3

SEMESTER 2 SPRING

- ENG 112 * (FA,SP,SU).....3
- MAT 172 * (FA,SP,SU)4
- BIO 111 (FA,SP,SU)4

SEMESTER 3 FALL

- BIO 112 * (SP, SU).....4
- MAT 271 * (FA,SP,SU)4
- CHM 151 (FA,SP,SU)4

SOC SCIENCE GROUP

- ECO 251 (FA,SP,SU)
- ECO 252 (FA,SP,SU)
- HIS 111 (FA,SP,SU)
- HIS 112 (FA,SP,SU)

HUM/FA GROUP

- ART 111 (FA,SP,SU)
- ART 114 * (FA,SP)
- ART 115 * (FA,SP)
- COM 231 *(FA,SP,SU)
- ENG 231 * (FA,SP)
- ENG 232 * (SP)

ELECTIVES GROUP

- ACC 120 (FA,SP,SU)
- ACC 121 (FA,SP,SU)
- ART 111 (FA,SP,SU)
- ART 114 *(FA,SP)
- ART 115 * (FA,SP)
- ART 121 (SP,SU)
- ART 122 (FA,SP)
- ART 131 (FA,SP)
- ART 132 * (FA,SP)
- ART 231 (SP,SU)
- ART 232 * (SP,SU)
- ART 240 (FA,SP)
- ART 241 *(FA,SP)
- ART 261 (FA,SP)
- ART 262 * (FA,SP)
- AST 111/A (FA,SP)
- BIO 130 (SP)
- BIO 140 (FA)
- BIO 155 (SP)
- BIO 163 (FA,SP)
- BIO 168 * (FA,SP,SU)
- BIO 169 * (FA,SP,SU)
- BIO 275 * (FA,SP,SU)
- BUS 110 (FA,SP,SU)
- BUS 115 (FA,SP,SU)
- BUS 137 (FA,SP,SU)
- CHM 131/A (FA,SP,SU)
- CIS 110 (FA,SP,SU)
- CIS 115 (FA)
- CJC 111 (FA,SP,SU)
- CJC 121 (FA,SP,SU)
- CJC 141 (SP, SU)
- COM 110 (FA,SP,SU)
- COM 120 (FA,SP)
- COM 231 *(FA,SP,SU)
- CSC 134 (SP)
- CSC 151 (FA,SP)
- CTS 115 (FA,SP)
- ECO 251 (FA,SP,SU)
- ECO 252 (FA,SP,SU)
- EDU 144 (FA,SP)
- EDU 145 (FA,SP)
- EDU 216 (FA,SP,SU)
- EDU 221 * (FA,SP,SU)
- EGR 150 (FA)
- ENG 114 * (FA,SP,SU)
- ENG 125 * (SP)
- ENG 126 * (SP)
- ENG 231 * (FA,SP)
- ENG 232 *(SP)
- ENG 241 * (FA)
- ENG 242 *(SP,SU)
- ENG 273 *(SP)
- HEA 110 (FA,SP,SU)

SEMESTER 4 SPRING

- CHM 152 * (FA, SP).....4
- MAT 152 (FA,SP,SU).....4
- PHY 151 * (FA, SP)4

SEMESTER 5 FALL

- HUM/FA GROUP3
- HUM/FA GROUP3
- ELECTIVE GROUP1
- PHY 152 * (FA, SP)4

TOTAL.....60

**Has a prerequisite*

- HIS 131 (FA,SP,SU)
- HIS 132 (FA,SP,SU)
- POL 120 (SP)
- PSY 150 (FA,SP,SU)
- SOC 210 (FA,SP,SU)

- ENG 241 * (FA)
- ENG 242 * (SP,SU)
- MUS 110 (FA,SP,SU)
- MUS 112 (FA,SP,SU)
- PHI 215* (SP)
- PHI 240* (FA,SP,SU)

- HEA 112 (FA, SU)
- HEA 120 (FA,SP,SU)
- HIS 111 (FA,SP,SU)
- HIS 112 (FA,SP,SU)
- HIS 131 (FA,SP,SU)
- HIS 132 (FA,SP,SU)
- HUM 115 (FA,SP,SU)
- HUM 120 (FA)
- HUM 130 (SP)
- LAT 111 (FA)
- LAT 112 (SP)
- MAT 143 (FA,SP,SU)
- MAT 263 * (FA,SP)
- MAT 273 * (FA,SP,SU)
- MAT 280 *(FA)
- MAT 285 * (SP)
- MUS 110 (FA,SP,SU)
- MUS 111 (FA,SP)
- MUS 112 (FA,SP,SU)
- MUS 121 (FA)
- MUS 122 * (SP)
- MUS 131 (FA,SP)
- MUS 132 * (SP)
- MUS 221 * (FA)
- MUS 222 * (SP)
- MUS 231 * (FA,SP)
- MUS 232 * (FA,SP)
- PED 110 (FA)
- PED 111 (FA,SP,SU)
- PED 122 (FA,SP,SU)
- PED 142 (FA)
- PED 143 (SU)
- PED 171 (SP)
- PHI 215 *(SP)
- PHI 240 * (FA,SP,SU)
- PHY 110/A (FA,SP)
- PHY 251 *(FA)
- PHY 252 * (SP)
- POL 120 (SU)
- POL 130 (FA, SU)
- POL 210 (SP)
- POL 220 (FA, SU)
- PSY 150 (FA,SP,SU)
- PSY 241 * (FA,SP,SU)
- PSY 281 *(FA,SP,SU)
- REL 110 (FA,SP,SU)
- REL 211 (FA)
- REL 212 (SP)
- SOC 210 (FA,SP,SU)
- SOC 213 (FA,SP)
- SOC 220 (FA,SP,SU)
- SOC 225 (SU)
- SPA 111 (FA,SP,SU)
- SPA 112 * (FA,SP,SU)
- SPA 211 * (FA,SP,SU)
- SPA 212 * (SU)



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- ACA 122 (FA,SP,SU).....1
- ENG 111 (FA,SP,SU).....3
- MAT 171 (FA,SP,SU).....4
- HUM/FA GROUP3
- SOC SCIENCE GROUP3
- SOC SCIENCE GROUP3

SEMESTER 2 SPRING

- ENG 112 * (FA,SP,SU).....3
- MAT 172 * (FA,SP,SU)4
- HUM/FA GROUP3
- BIO 111 (FA,SP,SU)4

SEMESTER 3 FALL

- BIO 112 * (SP, SU).....4
- MAT 271 * (FA,SP,SU)4
- CHM 151 (FA,SP,SU)4
- PHY 151 * (FA).....4

SEMESTER 4 SPRING

- CHM 152 * (FA, SP).....4
- MAT 152 (FA,SP,SU).....4
- PHY 152 * (SP).....4
- ELECTIVE GROUP1

TOTAL.....60

**Has a prerequisite*

SOC SCIENCE GROUP

ECO 251 (FA,SP,SU)	ECO 252 (FA,SP,SU)	HIS 131 (FA,SP,SU)	PSY 150 (FA,SP,SU)
	HIS 111 (FA,SP,SU)	HIS 132 (FA,SP,SU)	SOC 210 (FA,SP,SU)
	HIS 112 (FA,SP,SU)	POL 120 (SP)	

HUM/FA GROUP

ART 111 (FA,SP,SU)	ART 115 * (FA,SP)	ENG 241 * (FA)	PHI 215* (SP)
ART 114 * (FA,SP)	COM 231 *(FA,SP,SU)	ENG 242 * (SP,SU)	PHI 240* (FA,SP,SU)
	ENG 231 * (FA,SP)	MUS 110 (FA,SP,SU)	
	ENG 232 * (SP)	MUS 112 (FA,SP,SU)	

ELECTIVES GROUP

ACC 120 (FA,SP,SU)	CHM 131/A (FA,SP,SU)	HEA 112 (FA, SU)	PED 111 (FA,SP,SU)
ACC 121 (FA,SP,SU)	CIS 110 (FA,SP,SU)	HEA 120 (FA,SP,SU)	PED 122 (FA,SP,SU)
ART 111 (FA,SP,SU)	CIS 115 (FA)	HIS 111 (FA,SP,SU)	PED 142 (FA)
ART 114 *(FA,SP)	CJC 111 (FA,SP,SU)	HIS 112 (FA,SP,SU)	PED 143 (SU)
ART 115 * (FA,SP)	CJC 121 (FA,SP,SU)	HIS 131 (FA,SP,SU)	PED 171 (SP)
ART 121 (SP,SU)	CJC 141 (SP, SU)	HIS 132 (FA,SP,SU)	PHI 215 *(SP)
ART 122 (FA,SP)	COM 110 (FA,SP,SU)	HUM 115 (FA,SP,SU)	PHI 240 * (FA,SP,SU)
ART 131 (FA,SP)	COM 120 (FA,SP)	HUM 120 (FA)	PHY 110/A (FA,SP)
ART 132 * (FA,SP)	COM 231 *(FA,SP,SU)	HUM 130 (SP)	PHY 251 *FA)
ART 231 (SP,SU)	CSC 134 (SP)	LAT 111 (FA)	PHY 252 * (SP)
ART 232 * (SP,SU)	CSC 151 (FA,SP)	LAT 112 (SP)	POL 120 (SU)
ART 240 (FA,SP)	CTS 115 (FA,SP)	MAT 143 (FA,SP,SU)	POL 130 (FA, SU)
ART 241 *(FA,SP)	ECO 251 (FA,SP,SU)	MAT 263 * (FA,SP)	POL 210 (SP)
ART 261 (FA,SP)	ECO 252 (FA,SP,SU)	MAT 273 * (FA,SP,SU)	POL 220 (FA, SU)
ART 262 * (FA,SP)	EDU 144 (FA,SP)	MAT 280 *(FA)	PSY 150 (FA,SP,SU)
AST 111/A (FA,SP)	EDU 145 (FA,SP)	MAT 285 * (SP)	PSY 241 * (FA,SP,SU)
BIO 130 (SP)	EDU 216 (FA,SP,SU)	MUS 110 (FA,SP,SU)	PSY 281 *(FA,SP,SU)
BIO 140 (FA)	EDU 221 * (FA,SP,SU)	MUS 111 (FA,SP)	REL 110 (FA,SP,SU)
BIO 155 (SP)	EGR 150 (FA)	MUS 112 (FA,SP,SU)	REL 211 (FA)
BIO 163 (FA,SP)	ENG 114 * (FA,SP,SU)	MUS 121 (FA)	REL 212 (SP)
BIO 168 * (FA,SP,SU)	ENG 125 * (SP)	MUS 122 * (SP)	SOC 210 (FA,SP,SU)
BIO 169 * (FA,SP,SU)	ENG 126 * (SP)	MUS 131 (FA,SP)	SOC 213 (FA,SP)
BIO 275 * (FA,SP,SU)	ENG 231 * (FA,SP)	MUS 132 * (SP)	SOC 220 (FA,SP,SU)
BUS 110 (FA,SP,SU)	ENG 232 *(SP)	MUS 221 * (FA)	SOC 225 (SU)
BUS 115 (FA,SP,SU)	ENG 241 * (FA)	MUS 222 * (SP)	SPA 111 (FA,SP,SU)
BUS 137 (FA,SP,SU)	ENG 242 *(SP,SU)	MUS 231 * (FA,SP)	SPA 112 * (FA,SP,SU)
	ENG 273 *(SP)	MUS 232 * (FA,SP)	SPA 211 * (FA,SP,SU)
	HEA 110 (FA,SP,SU)	PED 110 (FA)	SPA 212 * (SU)