

## Cowley Community College

### AA or AS - Elementary Education Degree Checklist

#### Systemwide General Education

Inst Course #	Institution Course Title	Number of Credits	KRSN	Systemwide Course Title
	<b>English Options (010)</b>	<b>6</b>	<b>BOTH courses below are Required</b>	
ENG2211	English Composition I	3	ENG1010	English Composition I
ENG2212	English Composition II	3	ENG1020	English Composition II
	<b>Communication Options (020)</b> (List all options)	<b>3</b>	<b>ONE of the below is required</b>	
COM2711	Public Speaking	3	COM1010	Public Speaking
COM2725	Interpersonal Communications (IPC)	3	COM1020	Interpersonal Communications
	<b>Mathematics Options (030)</b> (List all options)	<b>3</b>	<b>ONE of the below is required</b>	
MTH4419	Quantitative Reasoning (Contemporary Math)	3	MAT1040	Contemporary Math/Essential Math
MTH4420	College Algebra OR	3	MAT1010	College Algebra
MTH4421	College Algebra with Review	5	MAT1010	College Algebra
MTH4423	Elementary Statistics	3	MAT1020	Elementary Statistics
	<b>Natural &amp; Physical Science Lab Options (040)</b> Must be a <b>life science</b> 4-5 hours (List all options)	<b>4-5</b>		
BIO4111	Principles of Biology	5	BIO1010	General Biology with Lab for Non-Majors
BIO4119	Environmental Biology w/Lab	5	BIO1040	Environmental Science Lecture and Lab
BIO4125	General Biology I	5	BIO1020	Biology I and lab for Majors
BIO4135	General Biology II	5	BIO1030	Biology II and lab for Majors
BIO4148	Human Anatomy & Physiology I (must take both for 8 cr equiv.)	4	BIO2030	Anatomy and Physiology and Lab - 8 Credit Hrs
BIO4149	Human Anatomy & Physiology II (must take both for 8 cr equiv.)	4	BIO2030	Anatomy and Physiology and Lab - 8 Credit Hrs
BIO4150	Human Anatomy & Physiology	5	BIO2020	Anatomy and Physiology and Lab - 5 Credit Hrs
BIO4160	Microbiology	5	BIO2040	Microbiology and Lab
	<b>Social &amp; Behavioral Sciences Options (050)</b> At least 2 courses from 2 different subject areas  Any class from Anthropology, Economics, Geography, Political Science, Psychology,* or Sociology. (*Psychology is Required IF it is a prerequisite for Human Development at your institution. )	<b>6</b>		
PSY6711	<b>General Psychology (required)</b>	<b>3</b>	<b>PSY1010</b>	<b>Introduction to Psychology</b>
SOC6811	Principles of Sociology	3	SOC1010	Introduction to Sociology
ANT6911	Cultural Anthropology	3	ANT1010	Introduction to Cultural Anthropology
GEG6120	Principles of Geography	3	GEO1010	World Regional Geography
POL6612	State and Local Government	3	POL2020	State and Local Government
ECO6114	Principles of Microeconomics	3	ECO1010	Microeconomics
ECO6113	Principles of Macroeconomics	3	ECO1020	Macroeconomics
SOC6816	Social Problems	3	SOC2010	Social Problems
SOC6821	Introduction to Social Work	3	SOC1020	Introduction to Social Work
SOC6823	Marriage and Family Relations	3	SOC2020	Marriage and Family
	<b>Arts and Humanities Options (060)</b>  <b>US History to 1877 OR US History since 1877 is REQUIRED</b>  Plus any course from Art, Music, Theatre, or Literature within Bucket 6 (List all options)	<b>6</b>	HIS1010 OR HIS1020	US History to 1877 OR US History since 1877
HIS6411	<b>US History to 1877</b>	<b>3</b>	<b>HIS1010</b>	<b>US History to 1877</b>
HIS6412	<b>US History Since 1865</b>	<b>3</b>	<b>HIS1020</b>	<b>US History since 1877</b>
ART2111	Art Appreciation	3	ART1010	Art Appreciation
MUS2611	Music Appreciation	3	MUS1010	Music Appreciation
THE2730	Theatre Appreciation	3	THT1010	Theatre Appreciation
LIT2511	Introduction to Literature	3	ENG1030	Introduction to Literature

LIT2550	American Literature I	3	ENG2010	American Literature I
LIT2551	American Literature II	3	ENG2020	American Literature II
	<b>Institutional Options (070)</b>	<b>6</b>		
<b>POL6611</b>	<b>American National Government (Required)</b>	<b>3</b>	<b>POL1020</b>	<b>American Government</b>
COM2711	Public Speaking	3	COM1010	Public Speaking
COM2725	Interpersonal Communications	3	COM1020	Interpersonal Communications
MTH4420	College Algebra	3	MAT1010	College Algebra
MTH4421	College Algebra w/Review	5	MAT1010	College Algebra
MTH4423	Elementary Statistics	3	MAT1020	Elementary Statistics
BIO4111	Principles of Biology	5	BIO1010	General Biology with Lab for Non-majors
BIO4119	Environmental Biology with Lab	5	BIO1040	Environmental Science Lecture and Lab
BIO4125	General Biology I	5	BIO1020	Biology I and lab for Majors
BIO4135	General Biology II	5	BIO1030	Biology II and lab for Majors
BIO4148	Human Anatomy and Physiology I	4	BIO2030	Anatomy and Physiology and Lab - 8 Credit Hrs
BIO4149	Human Anatomy and Physiology II	4	BIO2030	Anatomy and Physiology and Lab - 8 Credit Hrs
BIO4150	Human Anatomy and Physiology	5	BIO2020	Anatomy and Physiology and Lab - 5 Credit Hrs
BIO4160	Microbiology	5	BIO2040	Microbiology and Lab
CHM4211	General Chemistry	5	CHM1030	General Chemistry and Lab for Non-majors
CHM4220	Chemistry I	5	CHM1010	Chemistry I and Lab for Majors
CHM4230	Chemistry II	5	CHM1020	Chemistry II and Lab for Majors
GEO4311	Geology	5	PSI1030	Physical Geology Lecture and Lab
PHS4511	Physical Science	5	PSI1010	Physical Science and Lab
PHS4530	Introductory Astronomy	5	PHY1020	Descriptive Astronomy Lecture and Lab
PHS4550	General Physics I	5	PHY1010	Physics I and Lab
PHS4551	General Physics II	5	PHY2020	Physics II and Lab
PHS4560	Engineering Physics I	5	PHY1030	Engineering Physics I and Lab
PHS4561	Engineering Physics II	5	PHY2030	Engineering Physics II and Lab
ANT6911	Cultural Anthropology	3	ANT1010	Introduction to Cultural Anthropology
SOC6811	Principles of Sociology	3	SOC1010	Introduction to Sociology
GEG6120	Principles of Geography	3	GEO1010	World Regional Geography
POL6612	State and Local Government	3	POL2020	State and Local Government
ECO6113	Principles of Macroeconomics	3	ECO1020	Macroeconomics
ECO6114	Principles of Microeconomics	3	ECO1010	Microeconomics
SOC6816	Social Problems	3	SOC2010	Social Problems
SOC6821	Introduction to Social Work	3	SOC1020	Introduction to Social Work
SOC6823	Marriage and Family Relations	3	SOC2020	Marriage and Family
HIS6411	US History to 1877	3	HIS1010	US History to 1877
HIS6412	US History Since 1865	3	HIS1020	US History Since 1877
ART2111	Art Appreciation	3	ART1010	Art Appreciation
MUS2611	Music Appreciation	3	MUS1010	Music Appreciation
THE2730	Theatre Appreciation	3	THT1010	Theatre Appreciation
LIT2511	Introduction to Literature	3	ENG1030	Introduction to Literature
LIT2550	American Literature I	3	ENG2010	American Literature I
LIT2551	American Literature II	3	ENG2020	American Literature II
	<b>Total General Education Credit Hours</b>	<b>34-35</b>	<b>34-35 Required</b>	

### Teacher Education Program

Course #	Course Title	Number of Credits	KRSN	Systemwide Course Title
	<b>Required Courses</b>	<b>15-16</b>	<b>All courses below are required</b>	
EDU6211	Introduction to the Teaching Profession	3	EDU1010	Introduction to Education
EDU6212	Intro to Teaching Profession Field Experience	1		(This is a co-requisite with EDU6211 course)
EDU6270	Children & Adolescent Literature	3	EDU2010	Children's Literature
PSY6712	Developmental Psychology	3	PSY2020	Human Lifespan/Developmental Psychology
EDU6281	Children with Special Needs	3	EDU2020	Educating Exceptional Students
EDU6220	Educational Technology	3	EDU2030	Technology for Teachers
		<b>16</b>	<b>15-16 Required</b>	
	<b>Creative Expressions</b>	<b>2-3</b>	<b>ONE of the below is required</b> (must be one that has not been used to fulfill general education requirements)	
ART2150	Elementary Art Methods	3	ART2020	Art in the Elementary Classroom

	<b>Any physical science/physics course from Bucket 4</b> (Lab not required, but recommended) (List all options)	<b>3-5</b>		
CHM4211	General Chemistry	5	CHM1040	General Chemistry and Lab for Non-Majors
CHM4220	Chemistry I	5	CHM1010	Chemistry I and Lab for Majors
CHM4230	Chemistry II	5	CHM1020	Chemistry II and Lab for Majors
GEO4311	Geology	5	PSI1030	Physical Geology Lecture and Lab
PHS4511	Physical Science	5	PSI1010	Physical Science and Lab
PHS4530	Introductory Astronomy	5	PHY1020	Descriptive Astronomy Lecture and Lab
PHS4535	Descriptive Astronomy (non-lab)	3	PHY1021	Descriptive Astronomy Lecture
PHS4550	General Physics I	5	PHY1010	Physics I and Lab
PHS4551	General Physics II	5	PHY2020	Physics II and Lab
PHS4560	Engineering Physics I	5	PHY1030	Engineering Physics I and Lab
PHS4561	Engineering Physics II	5	PHY2030	Engineering Physics II and Lab
	<b>Free Elective from any Education course that has not been used to meet other requirements</b> Education or Early Childhood course preferred	<b>2-3</b>		
EDU6231	Human Growth & Development (through adolescence)	3		
CHC5717	Early Childhood Education	3	ECE1010	Introduction to Early Childhood Education
CHC5711	Development of the Young Child	3	PSY2030	Childhood Growth and Development
	<b>Open Elective to complete Associate Degree</b> (Systemwide Transfer Courses) (List all options)	<b>0-4</b>		
COM2711	Public Speaking	3	COM1010	Public Speaking
COM2725	Interpersonal Communications (IPC)	3	COM1020	Interpersonal Communications
MTH4423	Elementary Statistics	3	MAT1020	Elementary Statistics
MTH4425	Trigonometry	3	MAT1030	Trigonometry
MTH4432	Calculus for Business & Economics	3	MAT1050	General/Business Calculus
MTH4435	Calculus I	5	MAT2010	Calculus I
ANT6911	Cultural Anthropology	3	ANT1010	Introduction to Cultural Anthropology
SOC6811	Principles of Sociology	3	SOC1010	Introduction to Sociology
GEG6120	Principles of Geography	3	GEO1010	World Regional Geography
POL6612	State and Local Government	3	POL2020	State and Local Government
ECO6113	Principles of Macroeconomics	3	ECO1020	Macroeconomics
ECO6114	Principles of Microeconomics	3	ECO1010	Microeconomics
SOC6816	Social Problems	3	SOC2010	Social Problems
SOC6821	Introduction to Social Work	3	SOC1020	Introduction to Social Work
SOC6823	Marriage and Family Relations	3	SOC2020	Marriage and Family
HIS6411	US History to 1877	3	HIS1010	US History to 1877
HIS6412	US History Since 1865	3	HIS1020	US History Since 1865
HIS6420	World History I	3	HIS1030	World History to 1500
HIS6421	World History II	3	HIS1040	World History 1500 to Present
ART2111	Art Appreciation	3	ART1010	Art Appreciation
ART2141	Art History - Prehistoric to Medieval	3	ART1020	Art History I - Prehistoric to Medieval
ART2142	Art History - Renaissance to Contemporary	3	ART1030	Art History II - Renaissance to Contemporary
MUS2611	Music Appreciation	3	MUS1010	Music Appreciation
THE2730	Theatre Appreciation	3	THT1010	Theatre Appreciation
LIT2511	Introduction to Literature	3	ENG1030	Introduction to Literature
LIT2550	American Literature I	3	ENG2010	American Literature I
LIT2551	American Literature II	3	ENG2020	American Literature II
ENG2260	Creative Writing	3	ENG2030	Creative Writing
FOL2330	Spanish I	5	SPA1010	Spanish I
FOL2331	Spanish II	5	SPA1020	Spanish II
FOL2332	Spanish III	5	SPA2010	Spanish III
PHO6447	Introduction to Philosophy	3	PHL1010	Introduction to Philosophy
PHO6460	Ethics	3	PHL1020	Ethics
REL6430	Comparative Religions	3	REL1010	World/Comparative Religions
REL6432	Survey of the Old Testament	3	REL1020	Old Testament
REL6434	Survey of the New Testament	3	REL1030	New Testament
BIO4111	Principles of Biology	5	BIO1010	General Biology with Lab for Non-Majors
BIO4118	Environmental Biology (Lecture)	3	BIO1041	Environmental Science(Lecture)
BIO4119	Environmental Biology with Lab	5	BIO1040	Environmental Science Lecture and Lab

BIO4125	General Biology I	5	BIO1020	Biology I and Lab for Majors
BIO4135	General Biology II	5	BIO1030	Biology II and Lab for Majors
BIO4150	Human Anatomy & Physiology	5	BIO2020	Anatomy & Physiology and Lab - 5 credits
BIO4160	Microbiology	5	BIO2040	Microbiology and Lab
CHM4211	General Chemistry	5	CHM1040	General Chemistry and Lab for Non-Majors
CHM4220	Chemistry I	5	CHM1010	Chemistry I and Lab for Majors
CHM4230	Chemistry II	5	CHM1020	Chemistry II and Lab for Majors
GEO4311	Geology	5	PSI1030	Physical Geology Lecture and Lab
PHS4511	Physical Science	5	PSI1010	Physical Science and Lab
PHS4550	General Physics I	5	PHY1010	Physics I and Lab
PHS4551	General Physics II	5	PHY2020	Physics II and Lab
PHS4560	Engineering Physics I	5	PHY1030	Engineering Physics I and Lab
PHS4561	Engineering Physics II	5	PHY2030	Engineering Physics II and Lab
HER5220	Principles of Nutrition	3	HSC1010	Nutrition
PSY6720	First Year Experience (FYE)	1		( Not a SWT course but recommended at Cowley)
	<b>Total</b>	<b>62</b>	<b>Required for AA or AS degrees</b>	