2017-2018 General Education/Preparation

R

Major Articulation Agreement(s)

Date: 12/06/2017

Transfer Institution: Cuyamaca College

National University

General Education Bachelor Degrees

	General	Education Bachelor Degrees					
Gen Ed AREA/UNITS	National University	NU Course Title	Cuyamaca College				
HONORS COU	RSEWORK Any Honor	rs section of the same course will fulfill the	same requirement				
Courses designate	Courses designated with an asterisk (*) may be counted in one area only						
Area A	ENGLISH COMMU	NICATION – (Minimum 15.00 quarters)				
A1a 6.0	ENG 100 + ENG 101	Effective College English I & II (3 quarter units each)	ENGL 120				
	ENG 240	Advanced Composition	ENGL 124				
	or	or	or				
A1b 4.5	ENG 334A	Technical Writing	NONE				
		(Only Business, Engineering and					
		Nursing majors may fulfill the					
		requirement by taking ENG 334A)					
	COM 101	Intro to Oral Communication	COMM 130				
	or	or	or				
A2 4.5	COM 103	Public Speaking	COMM 122				
	or	or	or				
	COM 120	Intro to Interpersonal Comm	COMM 120				
Area B	MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING						
THEU D	(Minimum 4.5 quarter	units)					
	MTH 204	Mathematics for Science	MATH 120				
	MTH 209A	Fundamentals of Mathematics I	MATH 125				
	MTH 301	Fundamentals of Mathematics II	NONE				
	MTH 210	Probability & Statistics	MATH 160, PSY 215,				
			BIO 215				
	BST 322	Intro to Biomedical Statistics	NONE				
	MTH 215	College Algebra & Trigonometry	MATH 176				
	or	or	or				
	MTH 216A	College Algebra I (3 quarter units)	MATH 175				
	and	and	and				
	MTH 216B	College Algebra II (3 quarter units	MATH 170				
	MTH 220	Calculus I	MATH 180				
	CSC 208	Calculus for Comp. Science I	MATH 180				
MATH 178 may be used to meet this requirements	MNS 205	Intro to Quantitative Methods	NONE				

Gen Ed AREA/UNITS	National University	NU Course Title	Cuyamaca College			
Area C	INFORMATION LI	INFORMATION LITERACY (Minimum 4.5 quarter units)				
	ILR 260	Information Literacy	LIR 110 & ENGL 124			
Area D		ES, AND LANGUAGES – units in at least 2 areas)				
	ARTS					
*Completion of either course will meet one General Education Area D(Art) requirement	ART 100	Introduction to Art History	ART 140 & ART 141			
	ART 200	Visual Arts	ART 120 or ART 124			
	FYA 101	First-Yr Sem: Arts & Human	NONE			
	MUS 100 MUS 300 MUS 327+	Fundamentals of Music Film Music World Music	MUS 110 NONE NONE			
	THR 200	Theater Arts	THTR 110			
	HUMANITIES					
	HIS 233 HIS 234	World Civilizations I World Civilizations II	HIST 100 HIST 101			
	JRN 200 LIT 100 LIT 345	History of Journalism Introduction to Literature Mythology	NONE ENGL 122 NONE			
	ACEX 2101X	Philosophy of Coaching	NONE			
	PHL 100 PHL 337	Introduction to Philosophy Ethics	PHIL 110 NONE			

Cuyamaca College

Gen Ed AREA/UNITS	National University	NU Course Title	Cuyamaca College	
	LANGUAGES			
	ASL 120 ASL 220 ASL 320	American Sign Language I American Sign Language II American Sign Language III	ASL 120 ASL 121 NONE	
	SPN 100 SPN 101 SPN 200	Beginning Spanish I Beginning Spanish II Intermediate Spanish I	SPAN 120 SPAN 121 SPAN 220	
		sfy Area D Foreign Language requirements ter units of computer languages		
	CSC 242	Intro to Programming Concepts Prerequisite: MTH215	CS 181	
	CSC 252	Programming in C++ Prerequisite: CSC242	CS 281	
	CSC 262	Programming in Java Prerequisite: MTH 215	CS 182	
Area E	SOCIAL & BEHAVIORAL SCIENCES (Minimum 13.5 quarter units)			
	COM 100	Intro to Mass Communication	COM 110	
	COM 220	Media Literacy	NONE	
	COM 380+	Democracy in the Info. Age	NONE	
	ECO 203 ECO 204 EDA 200	Principles of Microeconomics Principles of Macroeconomics Schools of the World	ECON 121 ECON 120 NONE	
	FYS 102	First-Yr Sem: Social Sciences	NONE	
	HIS 220A HIS 220B HIS 300	United States History I [+] United States History II [+] Roots of Western Civilization	HIST 108 HIST 109 NONE	
	ACEX 2100X	History of Sport	NONE	
	POL 100	Introduction to Politics	POSC 120	
	POL 201	American Politics	POSC 121	
	PSY 100	Introduction to Psychology	PSY 120	
	SOC 100 SOC 260 SOC 350+	Principles of Sociology [+] Cultural Anthropology Cultural Diversity	SOC 120 ANTH 120 NONE	

Cuyamaca College 2017-

Gen Ed AREA/UNITS	National University	NU Course Title	Cuyamad	ca College
Area F		L & BIOLOGICAL SCIENCES [quarter units required [Note: one science lab is required])		
	BIO 100 BIO 100A	Survey of Bioscience Survey of Bioscience Lab (1.50 quarter units)	BIO 130 BIO 131	
Completion of BIO 230 & BIO 240 at Cuyamaca College will grant BIO 161, 162, 163 & BIO169A at National University	BIO 161 BIO 162	General Biology 1 General Biology 2	BIO 230 BIO 240	
Oliversity	BIO 201 BIO 201A	Human Anatomy and Physiol I Human Anatomy and Physiol Lab I (1.50 quarter units)	BIO 140 Hum	•
	BIO 202 BIO 202A	Human Anatomy and Physiol II Human Anatomy and Physiol Lab II (1.50 quarter units)	BIO 141 Human Physiology BIO 141L Lab in Human Physiology	
	BIO 203 BIO 203A	Introductory Microbiology Introductory Microbiology Lab (1.50 quarter units)	BIO 152 (Lab	Included)
	CHE 101 CHE 101A	Introductory Chemistry Introductory Chemistry Lab (1.50 quarter units)	CHEM 115 (Lab Included)	CHEM 120 (Lab Included)
Completion of CHEM 141 & CHEM 142 will grant CHE 141, 142, 143 & CHE149A at National University	CHE 141 CHE 142	General Chemistry 1 General Chemistry 2	CHEM 141 CHEM 142	
	EES 103 EES 103A	Fundamentals of Geology Fundamentals of Geology Lab (1.50 quarter units)	GEOL 110 GEOL 111	
	PHS 104 PHS 104A	Introductory Physics Introductory Physics Lab (1.50 quarter units)	PHYC 110 (L:	ab Included)
Completion of PHYC 130 & PHYC 131 at Cuyamaca College will waive PHS 173 &	PHS 171	General Physics 1	PHYC 130	
PHS 179A at National University	PHS 172	General Physics 2	PHYC 131	

Gen Ed	National University	NU Course Title	Cuyamaca College
AREA/UNITS Area G		ING AND SELF DEVELOPMENT	v 8
Mea G	(Minimum 4.50 quarte		
	COH 100	Personal Health	HED 120
	COH 201	Integrative Health	NONE
	COH 317	Public Health Nutrition	NONE
	COH 318	Drug Use and Abuse	NONE
	COH 319	Human Sexuality	NONE
	ENG 201	Fiction Writing I	NONE
	ENG 202	Poetry Writing I	NONE
	ENG 203	Screenwriting I	NONE
	ENG 375	Nature Writing	NONE
	FFL 100	Foundation to Academic Success	NONE
	FYP 103	First-Yr Sem: Psychology	NONE
	GLS 150	Global Issues and Trends	NONE
	MUS 200	Music Composition	NONE
	NSG 280	Human Lifecycle Development	PSY 150
	PHL 238	Logical & Critical Thinking	PHIL 125 or PHIL 130
Area A-G	GENERAL EDUCA (Minimum 4.50 quarte		
Also see <u>Special Note</u> below	Before selecting Area A-G	courses ***Contact National University Advisor/C sity's 300 level Upper Division General Education	
	ART 315	Film as Art	NONE
	ART 329+	World Art	NONE
	BRO 210	History of Television	NONE
	COM 360+	Representation in the Media	NONE
	COM 380+	Democracy in the Info. Age	NONE
	EES 301	Earth and Planetary Sciences	NONE
	EES 322	Oceanography	NONE
	EES 335	Environmental Sciences	NONE
	ENG 375	Nature Writing	NONE
	FYM 104	First-Yr Sem: Math & Sci	NONE
	HIS 300	Roots of Western Civilization	NONE
	JRN 350	Youth and the News	NONE

Cuyamaca College

LIT 311	British Literature I	NONE
LIT 312	British Literature II	NONE
LIT 321	American Literature I	NONE
LIT 322	American Literature II	NONE
MUS 326+	American Music	NONE
PHL 320+	World Religions	NONE
PHL 375	Environmental Ethics	NONE
PHS 102	Survey of Physical Science	NONE
PSY 300	Social Psychology of Sport	NONE
PSY 301	Child Development	NONE
SCI 300+	Geography	NONE
SOC 325	Popular Culture	NONE
SOC 327	Arab Culture	NONE
SOC 336+	American Film and Society	NONE
SOC 344	Marriage, Sex and the Family	NONE
SOC 350+	Cultural Diversity	NONE
SOC 352	Modern Chinese Culture	NONE

+Diversity Enriched Offering

^{***} Special Note: Students who complete all General Education coursework at the community college will be required to take one upper division general education elective for their program to meet the upper division general education requirement. Listed 300 level NU courses are for informational and planning purposes only and are not articulated with community college transfer coursework.

^{**}Remedial courses taken to achieve minimum levels of collegiate level competency in the areas of writing and mathematical concepts and systems do not satisfy any portion of the general education requirement**

COLLEGES OF LETTERS AND SCIENCES (COLS)

Bachelo	Bachelor of Arts in English with an Inspired Teaching and Learning Preliminary Single Subject Credential (California)			
D	LIT 100	Introduction to Literature	ENGL 122	

		Bachelor of Arts in Global Studies	
G	GLS 150	Global Issues and Trends	NONE
D	HIS 234	World Civilizations II	HIST 101

		Bachelor of Arts in History	
A1	ENG 240	Advanced Composition	ENGL 124
Е	HIS 220A	United States History I [+]	HIST 108
Е	HIS 220B	United States History II [+]	HIST 109
D	HIS 233	World Civilizations I	HIST 100
D	HIS 234	World Civilizations II	HIST 101

		Bachelor of Arts in Interdisciplinary Stu	ıdies
	HIS 220A	United States History I [+]	HIST 108
E	or	or	or
	HIS 220B	United States History II [+]	HIST 109
D	LIT 100	Introduction to Literature	ENGL 122

Bachelor	Bachelor of Arts in Interdisciplinary Studies with an Inspired Teaching and Learning Preliminary Multiple Subject Teaching Credential (California)			
D	LIT 100	Introduction to Literature	ENGL 122	
В	MTH 209A	Fundamentals of Mathematics I	MATH 125	

			Bachelor of Arts in Political Science	
Е	P	POL 100	Introduction to Politics	POSC 120

		Bachelor of Arts in Psychology	
В	MTH 210	Probability and Statistics	MATH 160
E	PSY 100	Introduction to Psychology	PSY 120

		Bachelor of Arts in Sport Psychology	
В	MTH 210	Probability and Statistics	MATH 160
E	PSY 100	Introduction to Psychology	PSY 120

		Bachelor of Arts in Sociology	
В	MTH 210	Probability and Statistics	MATH 160
E	SOC 100	Principles of Sociology [+]	SOC 120

Bachelor of Arts in Spanish with Optional Inspired Teaching and Learning Preliminary Single Subject Teaching Credential (California)				
D	SPN 100	Beginning Spanish I	SPAN 120	
D	SPN 101	Beginning Spanish II	SPAN 121	
D	SPN 200	Intermediate Spanish I	SPAN 220	
	SPN 201	Intermediate Spanish II	SPAN 221	
D	LIT 100	Introduction to Literature	ENGL 122	

		Bachelor of Arts in Strategic Communications	
A1	ENG 101	Effective College II (3 quarter units)	ENGL 120
A2	COM 103	Public Speaking	COMM 122

SCHOOL OF BUSINESS AND MANAGEMENT (SOBM)

Bachelor of Arts in Integrated Marketing Communication			
A1	ENG 101	Effective College English II (3 quarter units)	ENGL 120

		Bachelor of Arts in Management	
Е	ECO 203	Principles of Microeconomics	ECON 121
Е	ECO 204	Principles of Macroeconomics	ECON 120

		Bachelor of Business Administration	
В	MNS 205	Intro to Quantitative Methods	MATH 178
Е	ECO 203	Principles of Microeconomics	ECON 121
Е	ECO 204	Principles of Macroeconomics	ECON 120
	ACC 201	Financial Accounting Funds.	BUS 120
	ACC 202	Managerial Accounting Funds.	BUS 121

	Bachelor of Science in Accountancy				
В	MNS 205	Intro to Quantitative Methods	MATH 178		
Е	ECO 203	Principles of Microeconomic	ECON 121		
Е	ECO 204	Principles of Macroeconomics	ECON 120		
	ACC 201**	Financial Accounting Funds.	BUS 120		
	ACC 202 **	Managerial Accounting Funds	BUS 121		
	**Eligible for Credit-By-Exam wavier: Contact Faculty Advisor				

		Bachelor of Science in Financial Management	
В	MNS 205	Intro to Quantitative Methods	MATH 178
Е	ECO 203	Principles of Microeconomics	ECON 121
Е	ECO 204	Principles of Macroeconomics	ECON 120
	ACC 201**	Financial Accounting Funds.	BUS 120
	ACC 202	Managerial Accounting Funds.	BUS 121
	**Eligible	e for Credit-By-Exam wavier: Contact Faculty Advisor	

Bachelor of Science in Organizational Leadership	
No Transferable Courses- see Cat 81 for major requirements	_

SANFORD COLLEGE OF EDUCATION (SCOE)

Bachelor of Arts in Early Childhood Education (BAECE)			
	ECE 201	The Growing Child: Zero to 8	CD 125
	ECE 210	Child, Family, School and Comm	CD 131
	ECE 211	Diversity: Development & Ed.	CD 153
	HED 220	Health, Nutrition and Safety	CD 134

Bachelor of	Bachelor of Arts in English with Inspired Teaching and Learning Preliminary Single Subject Credential (California)				
D	LIT 100	Introduction to Literature	ENGL 122		
	Also listed under	COLS			

Bachelor of Arts in Interdisciplinary Studies with an Inspired Teaching and Learning Preliminary Multiple Subject Teaching Credential (California)					
D	LIT 100	Introduction to Literature	ENGL 122		
В	MTH 209A	Fundamentals of Mathematics I	MATH 125		
	Also listed under COLS				

SCHOOL OF ENGINEERING AND COMPUTING

	Bachelor of Science in Computer Science (BSCS)					
В	MTH 215	College Algebra & Trigonometry	MATH 176			
	CSC 208	Calculus for Computer Science I	MATH 180			
	CSC 209	Calculus for Computer Science II	NONE			
	CSC 220	Applied Probability & Stats	NONE			
D	CSC 242	Intro to Programming Concepts	CS 181			
D	CSC 252	Programming in C++	CS 281			
D	CSC 262	Programming in Java	CS 182			

Bachelor of Science in Information Technology Management				
*Prior Learni	ng Credit Eligible C	ourse		
	ITM 200*	Computer Hardware & Software	CIS 120	
	ITM 205*	Office Productivity Software	NONE	
	ITM 230*	Computer Network Overview	CIS 125	

Bachelor of Science in Construction Engineering Technology (BSCET)					
^ For online studer	its only				
В	MTH 215	College Algebra & Trigonometry	MATH 176		
F	PHS 104	Introductory Physics	PHYC 110 (Lab		
F	PHS 104A	Introductory Physics Lab (1.50 quarter units)	Included)		
or	or	or	or		
	PHS 130A^	Physics Lab for Engineering (1.50 qrtr units)	NONE		
F	CHE 101	Introductory Chemistry	CHEM 115, 120 (labs		
F	CHE 101A	Introductory Chemistry Lab (1.50 quarter units)	included		
or	or	or	or		
	CHE 120A^	Intro to Chemistry Lab for Eng (1.50 qrtr units)	NONE		
В	CSC 208	Calculus for Comp. Science I	MATH 180		
	CSC 220	Applied Probability & Stats.	NONE		
	EGR 220	Engineering Mathematics	NONE		
	EGR 225	Statics & Strength of Material	ENGR 200 &		
			ENGR 260		
	EGR 219	Intro to Graphics and Auto CAD	ENGR 119, CADD 120		

	Bachelor of Science in Electrical and Computer Engineering (BSECE)						
^ For online studen							
For other pre-requi	isites and require	ments: see page 241-242 of Cat #81					
В	MTH 215	College Algebra & Trigonometry	MATH 176				
F	PHS 104	Introductory Physics	PHYC 110				
	PHS 130A^	Physics Lab for Engineering (1.50 quarter units)	NONE				
В	CSC 208	Calculus for Comp. Science I	MATH 180				
	CSC 209	Calculus for Comp. Science II	NONE				
	CSC 220	Applied Probability & Stats.	NONE				
D	CSC 242	Intro to Programming Concepts	CS 181				
D	CSC 252	Programming in C++	CS 281				
Requirements for Major:							
	PHS 231	Calculus-based Physics 1	PHYC 190				
	PHS 232	Calculus-based Physics 2	PHYC 200 PHYC 210				

Bachelor of Science in Manufacturing Design Engineering (BSMDE)						
^ For online stud	ents only					
В	MTH 215	College Algebra & Trigonometry	MATH 176			
F	PHS 104	Introductory Physics	PHYC 110 (Lab			
F	PHS 104A	Introductory Physics Lab (1.50 quarter units)	Included)			
or	or	or	or			
	PHS 130A^	Physics Lab for Engineering (1.50 qrtr units)	NONE			
F	CHE 101	Introductory Chemistry	CHEM 115, 120 (Labs			
F	CHE 101A	Introductory Chemistry Lab (1.50 quarter units)	included)			
or	or	or	or			
	CHE 120A^	Intro to Chemistry Lab for Eng (1.50 qrtr units)	NONE			
	EGR 219	Intro to Graphics and Auto CAD	ENGR 119, CADD 120			
	EGR 220	Engineering Mathematics	NONE			
	EGR 225	Station & Strangth of Matarial	ENGR 200 &			
		Statics & Strength of Material	ENGR 260			
	EGR 230	Electrical Circuits & Systems	ENGR 210			
В	CSC 208	Calculus for Comp. Science I	MATH 180			
	CSC 220	Applied Probability & Stats.	NONE			

Doobolon	of Science	a in Inf	Commotion	Creatoma	(DCIC)
Dachelor	or Science	2 III III II	ormauon	Systems	(DOIO)

No Transferable Courses-see Cat 81 for major requirements

SCHOOL OF HEALTH AND HUMAN SERVICES (SHHS)

Bachelor of Science in Allied Health

No Transferable Courses –see Cat 81 for major requirements

Bachelor of Science in Healthcare Administration

This major has specific general education (GE) requirements. Students should complete the GE requirements listed for this major in the NU catalog instead of the university GE pattern. Some, but not all, of these GE requirements can be completed at San Diego City College prior to transfer; courses fulfilling those requirements are listed below.

G	COH 100	Personal Health	HED 120
	COH 150	Healthcare Terminology	NONE
	ACC 201	Financial Accounting Funds.	BUS 120
	ACC 202	Managerial Accounting Funds.	BUS 121
	PSY 100	Introduction to Psychology	PSY 120
E	or	or	or
	SOC 100	Principles of Sociology [+]	SOC 120
Е	ECO 203	Principles of Microeconomics	ECON 121
Е	ECO 204	Principles of Macroeconomics	ECON 120

	Bachelor of Science in Public Health					
		c general education (GE) requirements. Students should contion of the NU catalog instead of the university CSUGE or lead to the continuous control of the co				
E	PSY 100	Introduction to Psychology	PSY 120			
E	SOC 100	Principles of Sociology	SOC 120			
F	BIO 201	Human Anatomy & Physiol I				
F	BIO 201A	Human Anatomy & Physiol Lab I	BIO 140			
Г		(1.5 quarter units)	and			
F	BIO 202	Human Anatomy & Physiol II	BIO 141 & BIO 141L			
F	BIO 202A	Human Anatomy & Physiol Lab II				
1,	BIO 202A	(1.5 quarter units)				
F	BIO 203	Introductory Microbiology	BIO 152 (Lab			
F	BIO 203A	Introductory Microbiology Lab	Included)			
Г	DIO 203A	(1.5 quarter units)				
G	COH 100	Personal Health	HED 120			

SCHOOL OF PROFESSIONAL STUDIES (SOPS)

		Bachelor of Arts in Digital Media Design	
A1	ENG 100 and	Effective College English I and	ENGL 120
AI	ENG 101	Effective College English II	ENGL 120
Е	COM 220	Media Literacy	NONE

	Bachelor of Arts in Digital Journalism					
A1	ENG 100 and ENG 101	Effective College English I and Effective College English II	ENGL 120			
Е	COM 100	Introduction to Mass Communication	COMM 110			
D	JRN 200	History of Journalism	NONE			

Bachelor of Arts in Pre-Law Studies			
A1	ENG 100 and	Effective College English I and	ENGL 120
AI	ENG 101	Effective College English II	ENOL 120
	PSY 100	Introduction to Psychology	PSY 120
Е	or	or	or
	SOC 100	Principles of Sociology [+]	SOC 120
Е	POL 201	American Politics	POSC 121
	or	or	or
D	PHL 100	Introduction to Philosophy	PHIL 110
	LAW 200	Introduction to Law and Legal Writing	NONE

	Bachelor of Science in Paralegal Studies	
PLA 200	Legal Theory & Ethics	PARA 100
PLX 2100X	Torts	NONE
PLA 201	English for Professionals	NONE
PLX 2101X	Leg Res Wrtg-Briefing /Analysis	PARA 130
PLX 2102X	Contracts	NONE
PLX 2103X	Leg Res Wrtg-Legal Memo	NONE
PLA 202	Property	PARA 145
PLA 203	Leg Res Wrtg-Persuasive Wrtg	NONE
PLX 2105X	Computers & the Law	PARA 132

Bachelor of Public Administration (BPA)			
В	MNS 205	Intro to Quantitative Methods for Business	MATH 178
Е	ECO 203	Principles of Microeconomics	ECON 121
	ACC 201	Financial Accounting Fundamentals	BUS 120

Bachelor of Science in Homeland Security and Emergency Management
No Transferable Courses-see Cat 81 for major requirements

Bachelor of Science in Criminal Justice Administration			
	CJA 229	Introduction to Policing	NONE

Martha Whitehead Articulation Officer	Ticey Hosley Articulation Officer
National University	Cuyamaca College
(858) 642-8277	(619) 660-4530
Date signed:	Date signed:
Articulation Assessment based on the followin	g:
Course catalog: National University	2017-2018
Volume #81	October 2, 2017
National University will accept the following C	General Education certifications: California State University (CSU) General
Education certification and the Inter-Segmental	General Education Transfer Curriculum (IGETC).

All requirements for CSU General Education and IGETC must be completed and certified prior to transfer to National University. The University will not accept partial certifications. Students transferring with full certification will be required to take only upper-division general-education courses at National in order to fulfill the unit requirement for general education, typically one to three courses. Students must provide an official transcript with the certification included or provide a separate

An Articulation agreement identifies courses National University will accept in transfer. The Articulation Agreement may not include all transferable course work. All applicable transfer course work for an Associate's or a Bachelor's degree must have a minimum transfer letter grade of "C".

Transfer courses may be subject to restrictions such as but not limited to: residency requirements, degree requirements, grades and units earned (refer to the current catalog for details).

HONORS COURSEWORK Any Honors section of the same course will fulfill the same requirement

Associate of Arts and Associate of Science General Education Requirements see National University's Catalog #81

The list above does not encompass all coursework required for degree completion. The list contains only lower division coursework accepted from transferring institution. National University does not grant articulation for lower division (100-200) courses to meet upper division (300-400) content.

Articulation references may be updated or amended at any time.

certification form.