

**General Education/Prep
and
Program to Program Articulation Agreement(s)**

Date: 1/30/09

Transfer Institution: **Cabrillo College**

Transfer Course(s): Transfer work completed for 300-level courses at NU will grant content credit only and will not grant upper division credit—depending on the other transfer coursework this upper division credit may need to be made up with upper division electives.

Please note*** As of 9/1/08 the ILR 260 requirement changed to LIBR 10 and ENGL 1C or ENGL 2 or ENGL 2MC
(+) Denotes **DIVERSITY** coursework

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

Gen Ed AREA/UNITS	National University	NU Course Title	Cabrillo College
A 15	ENGLISH COMMUNICATION -- 4 COURSES		
<i>A1a</i> 6.0	ENG 100 + ENG 101	Effective College English I & II	ENGL 1A or 1AMC
<i>A1b</i> 4.5	ENG 240 Or ENG 334A	Advanced English Technical Writing	ENGL 1C or 2 or 2MC None
<i>A2</i> 4.5	COM 100 or COM103	Introduction to Mass Communication Oral Communications	JOURN 21 COMM 1
B 4.5	MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING --1 COURSE		
	MTH 204	Mathematics for Business & Science	None
	MTH 209A	Fundamentals of Mathematics I	None
	MTH 301	Fundamentals of Mathematics II	None
	MTH 210	Introduction to Probability & Statistics	MATH 12 OR BUS 9
	MTH 215	College Algebra & Trigonometry	MATH 4
	MTH 220	Calculus I	MATH 5A
	MTH 221	Calculus II	MATH 5B
	MTH 222	Calculus III	MATH 5C
	MTH 223	Calculus IV	MATH 7
	MNS 205	Introduction to Quantitative Methods for Business	MATH 13

Gen Ed AREA/UNITS	National University	NU Course Title	Cabrillo College
	CSC 208	Calculus for Computer Science I	MATH 5A
	CSC 209	Calculus for Computer Science II	MATH 5B
	NSG 322	Introduction to Biomedical Statistics	None
C 4.5	INFORMATION LITERACY -- 1 COURSE		
	ILR 260	Information Literacy Report Writing	LIBR 10 and ENGL 1C or ENGL 2 or ENGL 2MC
D 13.5	ARTS & HUMANITIES - - 3 COURSES		
	HIS 233 or HIS 234	World Civilizations I World Civilizations II	HIST 2A HIST 2B
	ENGLISH 365	Creative Writing	ENGL 12A
	MUS 100	Fundamentals of Music	MUS 6 and MUS 10
	MUS 327	World Music (+)	MUS 12
	ART 100	Introduction to Art History	AH 20A and AH 20B
	ART 200	Visual Arts	AH 10
	ART 329	World Art (+)	None
	PHL 100	Introduction to Philosophy	PHILO 4
	THR 200	Theater Arts	TA 9
	LIT 100	Introduction to Literature	WAIVE W/ENGL 1B or ENGL 1BMC
E 13.5	SOCIAL & BEHAVIORAL SCIENCES -- 3 COURSES		
	SOC 260	Cultural Anthropology	ANTHR 2
	ECO 204 ECO 203	Principles of Macroeconomics Principles of Microeconomics	ECON 1A ECON 1B
	POL 201 POL 100	American Government & Politics Introduction to Political Science	PS 1 None
E	HIS 220A HIS 220B	History of the United States I (+) History of the United States I (+)	HIST 17A or 21A or 29A HIST 17B or 21B or 29B
	SOC 100	Introduction to Sociology (+)	SOC 1
	PSY 100	Introduction to Psychology	PSYCH 1
	PSY 301	Child Development	PSYCH 8

Gen Ed AREA/UNITS	National University	NU Course Title	Cabrillo College
F 10.5	PHYSICAL & BIOLOGICAL SCIENCES --3 COURSES (LECTURE 9.0 AND LABORATORY 1.50)	<i>Students must choose 2 lecture courses and 1 lab course. The lab course must be the laboratory for the corresponding lecture course.</i>	
	SCI 100 only	Survey of Bioscience	None
	SCI 100 + 100A	Survey of Bioscience and Laboratory	None
	SCI 161	General Biology 1	BIO 11A
	SCI 162	General Biology 2	None
	SCI 101 + 101A	Introductory Chemistry and Laboratory	CHEM 10
	SCI 141	General Chemistry 1	CHEM 1A
	SCI 142	General Chemistry 2	CHEM 1B
	SCI 103 + 103A	Fundamentals of Geology and Laboratory	GEOL 10
	SCI 104 + 104A	Introductory Physics and Laboratory	PHYS 10 and PHYS 10L
	SCI 171	General Physics 1	PHYS 2A
	SCI 172	General Physics2	PHYS 2B
	SCI 201+ 201A	Human Anatomy and Physio I and Laboratory	BIO 13A and BIO 13AL
	SCI 202+ 202A	Human Anatomy and Physio II and Laboratory	None
	SCI 201 + 201A + SCI 202 + 202A	Human Anatomy, Physio I and Laboratory & Human Anatomy, Physio II and Laboratory	BIO 4 and BIO 5
	SCI 203 + 203A	Introductory Microbiology and Laboratory	BIO 6
	SCI 102	Survey of Physical Science	None
	SCI 335	Environmental Science	None
	SCI 300	Geography (+)	GEOG 4

Gen Ed AREA/UNITS	National University	NU Course Title	Cabrillo College
G 9.0	MODERN LANGUAGE -- 2 COURSES	9 quarter units in a language required	FRENCH, GERMAN, ITALIAN, JAPANESE
	ARB 100 ARB 101 ARB 200	Beginning Arabic I Beginning Arabic II Intermediate Arabic I	None None None
	ASL 120 ASL 220 ASL 320	American Sign Language I American Sign Language II American Sign Language III	SLS 1 SLS 2 SLS 3
	SPN 100 SPN 101 SPN 200 SPN 201	Beginning Spanish I Beginning Spanish II Intermediate Spanish I Intermediate Spanish II	SPAN 1 SPAN 2 SPAN 3 SPAN 4
	CHN 100 CHN 101 CHN 200 CHN 201	Beginning Chinese I Beginning Chinese II Intermediate Chinese I Intermediate Chinese II	CHIN 1 CHIN 2 None None
	PRS 100 PRS 101 PRS 200 PRS 201	Beginning Persian I Beginning Persian II Intermediate Persian I Intermediate Persian II	None None None None
<p>*** 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.</p>			

BA in Interdisciplinary Studies (610-102-203) <i>with a California Preliminary Multiple Subjects Teaching Credential</i>			
Preparation for the Major:			Satisfied by:
LIT 100	Introduction to Literature	WAIVE W/	ENGL 1B or ENGL 1BMC
HIS 410	California History		None
TED 305	Teaching as a Profession		None
Requirements for the Blended Major:			Satisfied by:
BIS 301	Introduction to Interdisciplinary Studies		None
COM 380	Democracy in the Information Age (+)		None
HIS 350	Cultural Diversity (+)		None
ENG 350	Fundamentals of Linguistics		None
MTH 301	Fundamentals of Mathematics II		None
BIS 401	Interdisciplinary Practices: Integrating Knowledge with Technology		None
TED 300	Fundamentals of Education		None
TED 310	Development and Learning		None
TED 330A	Elementary Lang. Arts Methods		None
TED 340	Content Area Reading Methods		None
TED 350	Math and Science Methods		None
TED 355	Hist/Social Science Methods		None
TED 380	Arts/PE/Health Methods		None
TED 410	Survey of Multicultural Lit		None
TED 430	Special Needs Students		None
TED 440	Leadership and Assessment		None
Choose from one of the following:			
ART 329	World Art (+)		None
MUS 327	World Music (+)		MUS 12
ART 400	Expressive and Integrated Arts		None
Choose from one of the following:			
SCI 300	Geography (+)		GEOG 4
SCI 301	Earth & Planetary Sciences		None
SCI 330	Ecology		BIO 11C
SCI 335	Environmental Science		ES 10
SCI 411	Biodiversity (<i>Recommended: Prior completion of SCI 100/100A, or SCI 161, 162 and 100A or equivalent</i>)		None
SCI 450	Natural History of California		None
CAPSTONE Course:			
BIS 499	Interdisciplinary Studies Project		None
Student Teaching Requirements:			
TED 465A	Student Teaching I		None
TED 465B	Student Teaching II		None
TED 465C	Student Teaching III		None
TED 465D	Student Teaching IV		None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!			

BA Interdisciplinary Studies in Mathematics (610-105-205) <i>With a Preliminary Single Subject Credential (California)</i>		
Preparation for the Major:		Satisfied by:
MTH 221	Calculus II	MATH 5B
MTH 222	Calculus III	MATH 5C
MTH 223	Calculus IV	MATH 7
TED 305	Teaching as a Professional	None
ENG 350	Fundamentals of Linguistics	None
Requirements for the Blended Major:		Satisfied by:
MTH 311	Topics from Geometry	None
MTH 325	Discrete Mathematics	None
or		or
CSC 331	Discrete Structures and Logic	CS 23 or MATH 23
MTH 411	Number Theory	None
MTH 435	Linear Algebra	None
MTH 416	Algebraic Structures	None
MTH 417	Foundation of Geometry	None
MTH 418	Statistical Analysis	None
MTH 412	History of Mathematics	None
MTH 410	Technology in Math Education	None
MTH 460	Problem Solving Strategies	None
MTH 461	Methods of Teaching Math	None
Education Theory and Methodology Requirements:		Satisfied by:
TED 300	Fundamentals of Education	None
TED 310	Development and Learning	None
TED 330B	Reading and Language Arts	None
TED 340	Content Area Reading Methods	None
TED 420	Diversity in Schooling	None
TED 430	Special Needs Students	None
TED 440	Leadership and Assessment	None
Student Teaching Requirements:		Satisfied by:
TED 465A	Student Teaching I	None
TED 465B	Student Teaching II	None
TED 465C	Student Teaching III	None
TED 465D	Student Teaching IV	None
Credentialing Requirements:		Satisfied by:
Additional course for satisfying SB 2042 and CTC for California Teaching Credential		
HEDX 1201X	Health Education for Teachers	None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

Preparatory and Major courses for Bachelor of Arts in Interdisciplinary Studies (610-106)
 Concentrating in Early Childhood Education with a Preliminary Multiple Subjects Teaching Credential (California)

BA in Interdisciplinary Studies

Preparation for the Major 6 courses for 27qu		Satisfied by:
LIT 100	Introduction to Literature	WAIVE W/ ENGL 1B or ENGL 1BMC
ECE 201	The Growing Child: Zero to 8	ECE 31
ECE 210	Child, Family, School & Comm.	ECE 32
HIS 410	California History	None
HED 220	Health, Nutrition & Safety	None
TED 305	Teaching as a Profession <i>(includes 15 hours of field experience)</i>	None
Requirements for the Interdisciplinary Blended Major 24 courses for 108qu		Satisfied by:
BIS 301	Introduction to Interdisciplinary Studies	None
MTH 301	Fundamentals of Mathematics II	None
COM 380	Democracy in the Information Age	None
BIS 401	Interdisciplinary Practice: Integrating Knowledge with Technology	None
ECE 464	The Law: Issues and Practices	None
ECE 310	Diversity: Development & Ed.	None
ECE 330	Early Cognition	None
ECE 410	Early Language and Literacy	None
ECE 415	Designing Emergent Curriculum	None
ECE 420	Nature, Numbers and Technology	None
ECE 430	Play as Pedagogy	None
ECE 440	Observing, Assessing & Planning	None
ECE 445	Strategies: Guiding Behaviors	None
ECE 446	Literature and Young Children	None
TED 330A	Elementary Lang. Arts Methods	None
TED 350	Math and Science Methods	None
TED 335	Hist/Social Science Methods	None
Choose one from the following: 1 course for 4.50qu		
ECE 435	Music, Movement, Drama, Dance* <i>(this course STRONGLY recommended)</i>	None
ART 329	World Art	None
MUS 327	World Music	MUS 12
ART 400	Expressive and Integrated Arts	None
Choose one from the following: 1 course for 4.50qu		
SCI 300	Geography (+)	GEOG 4
SCI 301	Earth and Planetary Sciences	None
SCI 330	Ecology	BIO 11C
SCI 335	Environmental Science	ES 10
SCI 411	Biodiversity <i>(recommended: prior completion of SCI 100 & 100A, or equivalent)</i>	None
SCI 450	Natural History of California	None
Capstone:		
BIS 499	Interdisciplinary Studies Project	None
Student Teaching Requirements: 4 courses for 18qu		
TED 465A	Student Teaching I	None
TED 465B	Student Teaching II	None
TED 465C	Student Teaching III	None
TED 465D	Student Teaching IV	None

NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!

BA in ENGLISH (610-114-200)		
<i>With a Preliminary Single Subject Credential (California)</i>		
Preparation for the Major:		Satisfied by:
HIS 220A	United States History I (+)	HIST 17A
<i>or</i>		<i>Or</i>
POL 201	American Government and Politics	PS 1
LIT 100	Introduction to Literature	WAIVE W/ ENGL 1B or 1BMC
HIS 350	Cultural Diversity (+)	None
PSY 100	Introduction to Psychology	PSYCH 1
<i>or</i>		<i>Or</i>
PSY 301	Child Development	None
TED 305	Teaching as a Profession	None
Requirements for the Blended Major:		Satisfied by:
ENG 350	Fundamentals of Linguistics	None
ENG 365	Creative Writing	ENGL 12A
LIT 311	British Literature I	ENGL 46A
LIT 312	British Literature II	ENGL 46B
LIT 321	American Literature I	ENGL 30A
LIT 322	American Literature II	ENGL 30B
LIT 338	Shakespeare	ENGL 34
LIT 360	Literary Theory	None
LIT 463	20 th Century World Literature	None
LIT 498	English Capstone Project	None
<i>And choose 3 upper division Literature (LIT) courses from available offerings.</i>		
Education Theory and Methodology Requirements:		Satisfied by:
TED 300	Fundamentals of Education	None
TED 310	Development and Learning	None
TED 330B	Reading and Language Arts	None
TED 340	Content Area Reading Methods	None
TED 410	Survey of Multicultural Lit	None
TED 420	Diversity in Schooling	None
TED 430	Special Needs Students	None
TED 440	Leadership and Assessment	None
Student Teaching Requirements:		
TED 465A	Student Teaching I	None
TED 465B	Student Teaching II	None
TED 465C	Student Teaching III	None
TED 465D	Student Teaching IV	None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

BA in PSYCHOLOGY (610-104)		
Preparation for the Major:		Satisfied by:
MTH 210	Probability and Statistics	MATH 12
PSY 100	Introduction to Psychology	PSYCH 1
Requirements for the Major:		Satisfied by:
PSY 426	History of Psychology	None
PSY 427	Biological Psychology	None
PSY 428	Developmental Psychology	None
PSY 429	Introduction to Personality	None
PSY 430	Introduction to Psychopathology	None
PSY 432	Social Psychology	None
PSY 433	Cognitive Psychology	None
PSY 435	Analysis of Data in Psychological Research	None
CHD 440	Drugs, Values and Society	None
PSY 480	Senior Project (<i>two-month course</i>)	None
or		or
PSY 491	Guided Studies for Honors Students (<i>two-month course</i>)	None
UPPER DIVISION Electives:		Satisfied by:
<p>Students not pursuing a minor must choose six Upper-Division Electives from courses with the following prefixes: HUB, PSY, SOC, HRM, and CJA. Other electives must be approved by the department chair or regional full-time or associate faculty. Students may not take PSY 301 as an Upper-Division Elective.</p>		None
The following course is strongly recommended:		
PSY 441	Global Psychology	None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

BS in CRIMINAL JUSTICE ADMINISTRATION (620-405)		
Requirements for the Major:		Satisfied by:
CJA 429	Introduction to Policing	None
CJA 449	Research Methods	None
CJA 431	Criminology	None
CJA 437	The Juvenile Offender	None
CJA 446	Criminal Justice Management and Leadership	None
CJA 460	Principles of Investigation	None
CJA 451	Court Systems and the Judicial Process	None
CJA 452	Criminal Law and Procedure	None
CJA 440	Corrections	None
CJA 470	Supervised Criminal Justice Senior Project	None
UPPER DIVISION Electives:		Satisfied by:
Six Upper- Division Electives Recommended Courses list on page 102 of NU catalog # 72		None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

Preparatory and Major courses for Bachelor of Arts in Early Childhood Education (BAECE) (610-444)		
BA in Early Childhood Education (BAECE)		
Preparation for the Major <i>4 courses for 18qu</i>		Satisfied by:
PSY 100	Introduction to Psychology	PSYCH 1
ECE 201	The Growing Child: Zero to 8	ECE 31
ECE 210	Child, Family, School & Comm.	ECE 32
HED 220	Health, Nutrition & Safety	None
Requirements for the Major <i>10 courses for 45qu</i>		Satisfied by:
ECE 464	The Law: Issues and Practices	None
ECE 310	Diversity: Development & Ed.	None
ECE 330	Early Cognition	None
ECE 410	Early Language and Literacy	None
ECE 415	Designing Emergent Curriculum	None
ECE 420	Nature, Numbers and Technology	None
ECE 430	Play as Pedagogy	None
ECE 440	Observing, Assessing & Planning	None
ECE 445	Strategies: Guiding Behaviors	None
ECE 450	Academic Seminar/Field Experience	None
Upper Division Electives or Concentration Requirements: <i>6 courses for 27qu</i>		Satisfied by:
ECE 312	Infant and Toddler Care	None
ECE 314	Experiences: Infant and Toddlers	None
ECE 465	Crisis, Trauma, and Abuse	None
ECE 190	Guided Study (1.5 - 4.5qu)	None
Concentration in Teacher Education (354):		
ECE 446	Literature and Young Children	None
HED 602	Introductory Health Ed: K-12	None
EDX 1201X	Computer Based Technology in the Classroom	None
EXC 625	Children w/ Excep. in Class	None
ECE 435	Music, Movement, Drama, Dance	None
ART 400	Expressive and Integration Art	None
BAECE Concentration in Early Childhood Administration (353):		
ECE 461	Leadership and Supervision	None
ECE 460	Program Administrative	None
ECE 462	Financial Management & Resources	None
HRM 432	Recruiting, Selection, Promotion, and Retention	None
ECE 466	Planning Physical Environments	None
HUB 401	Conflict Resolution	None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

BACHELOR of BUSINESS ADMINISTRATION ---BBA --- (630)		
Preparation for the Major:		Satisfied by:
MNS 205	Introduction to Quantitative Methods for Business	MATH 13
ECO 203	Principles of Microeconomics	ECON 1B
ECO 204	Principles of Macroeconomics	ECON 1A
ACC 201	Financial Accounting Fundamentals	ACCT 1A
ACC 202	Managerial Accounting Fundamentals	ACCT 1B
LAW 304	Legal Aspects of Business I	BUS 18
Requirements for the Major:		Satisfied by:
BKM 400	Business Knowledge Management Strategies	None
MGT 409C	Principles of Management and Organization	None
FIN 310	Business Finance	None
MNS 407	Management Science	None
MKT 402A	Marketing Fundamentals	None
MGT 430	Survey of Global Business	None
MGT 451	Productions and Operations Management I	None
BUS 480	Integrated Business Policy (CAPSTONE COURSE)	None
UPPER DIVISION Electives:		Satisfied by:
<p>Students may choose to take one of the BBA concentrations listed on pages 133-136 of NU catalog #72 and/or appropriate elective courses to satisfy the total units for the degree with the following prefixes: ACC, BKM, BUS, ECO, FIN, HRM, LAW, LED, MGT, MKT, ODV, or HUB.</p> <p>(see <i>recommended electives</i> on page 133 of NU catalog #72)</p>		None
LAW 305	Legal Aspects of Business II	None
Concentration in Business Law:		Satisfied by:
LAW 304	Legal Aspects of Business I	BUS 18
LAW 305	Legal Aspects of Business II	None

BS in ACCOUNTANCY (620-411)		
Preparation for the Major:		Satisfied by:
MNS 205	Introduction to Quantitative Methods for Business	MATH 13
ECO 203	Principles of Microeconomics	ECON 1B
ECO 204	Principles of Macroeconomics	ECON 1A
ACC 201	Financial Accounting Fundamentals	ACCT 1A
Requirements for the Major:		Satisfied by:
Core Business Requirements-----		
BKM 400	Business Knowledge Management Strategies	None
LAW 304	Legal Aspects of Business I	BUS 18
MGT 409C	Principles of Management and Organization	None
FIN 310	Business Finance	None
and		and
MGT 430	Survey of Global Business	None
or		or
MKT 402A	Marketing Fundamentals	None
or		or
MNS 407	Management Science	None
Accounting Core Requirements-----		Satisfied by:
ACC 300	Applied Technology for Accountants	None
ACC 410A	Intermediate Accounting I	None
ACC 410B	Intermediate Accounting II	None
ACC 410C	Intermediate Accounting III	None
ACC 431	Advanced Accounting	None
ACC 432A	Taxation- Individual	None
ACC 432B	Taxation- Business	None
ACC 433A	Managerial Accounting I	None
ACC 433B	Managerial Accounting II	None
ACC 434	Government and Nonprofit Accounting	None
ACC 435A	Auditing I	None
ACC 435B	Auditing II	None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

BS in INFORMATION TECHNOLOGY MANAGEMENT (620-408)		
Preparation for the Major:		Satisfied by:
ITM 200	Basic Computer H/W & S/W	None
ITM 205	Office Productivity Software Applications	CABT 38
ITM 210	Introduction to IT	None
ITM 230	Computer Networks Overview	CIS 81
Requirements for the Major:		Satisfied by:
ITM 320	Information Technology Mgmt	None
ITM 340	IT Client using M/S Windows	None
ITM 345	IT Server Environment Using Linux	CIS 90
ITM 350	Desktop Applications Support and Troubleshooting	None
ITM 420	Local Area Networks	None
ITM 430	Wide Area Networks	None
ITM 434	Wireless LAN Administration	None
ITM 435	Wireless LAN Security	None
ITM 440	Database Concepts & Data Models	None
ITM 450	DB Processing & Administration	None
ITM 470	Information Security Mgmt	None
ITM 475	Info Security Technologies	None
ITM 490A	IT Project I	None
ITM 490B	IT Project II	None
UPPER DIVISION Electives: 2 courses for 9 quarter units		Satisfied by:
Students can choose any approved upper-division degree related electives from the School of Business and Management or the School of Engineering and Technology. Students who are eligible and enroll in a transition program should take transition classes as their electives.		None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

Preparatory and Major courses for Bachelor of Science in Computer Science (620-201)		
BS in Computer Science		
General Education Recommendations		Satisfied by:
ENG 334A	Technical Writing	None
Prerequisites for the Major:		Satisfied by:
SCI 100	Survey of Bioscience*	None
SCI 100A	Survey of Bioscience Lab (1.5 quarter units)*	
SCI 101	Introductory Chemistry* (Recommended: Prior completion of MTH 204 or 215 or 216A/B)	CHEM 10
SCI 101A	Introductory Chemistry Lab* (1.5 quarter units)	
SCI 104	Introductory Physics*	PHYS 10 and PHYS 10L
SCI 104A	Introductory Physics Lab* (1.5 quarter units)	
and		and
MTH 215	College Algebra*	MATH 4
CSC 200	Orientation to Computer Science	CS 1 or CS 2
CSC 208	Calculus for Computer Science I*	MATH 5A
CSC 209	Calculus for Computer Science II	MATH 5B
CSC 220	Applied Probability and Statistics	None
CSC 242	Introduction to Programming Concepts*	CIS 11
CSC 252	Programming in C++*	CS 19
CSC 262	Programming in Java*	CS 20J
Requirements for the Major:		Satisfied by:
CSC 300	Object Oriented Design	None
CSC 310	Linear Algebra & Matrix	None
CSC 331	Discrete Structures and Logic (CROSS LISTED and EQUIVALENT to MATH 325)	MATH 23
CSC 335	Data Structures and Algorithms	CS 21
CSC 338	Algorithm Design	None
CSC 340	Digital Logic Design	None
CSC 340L	Digital Logic Design Lab (1.5 quarter units)	None
CSC 342	Computer Architecture	None
CSC 350	Computer Ethics	None
CSC 400	OS Theory and Design	None
CSC 422	Database Design	None
CSC 430	Programming Languages	None
CSC 436	Computer Communication Networks	None
Select any two courses from the following list:		
CSC 421	Compiler Design	None
CSC 440	Advanced Programming in Java	None
CSC 445	Wireless Application Development	None
CSC 450	Artificial Intelligence	None
CSC 451	AI Programming	None
CSC 452	Human Computer Interaction	None
CSC 454	Computer Graphics	None
CSC 455	Game Programming	None
CSC 456	Advanced Game Programming	None
Capstone Project:		
CSC 480A	Computer Science Project I	None
CSC 480B	Computer Science Project II	None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

BA in DIGITAL ENTERTAINMENT and INTERACTIVE ARTS (610-115)		
Preparation for the Major:		Satisfied by:
COM 100	Introduction to Mass Communication	JOURN 21
or		Or
COM 103	Oral Communication	COMM 1
COM 220	Media Literacy	None
MUL 200	Communication Tools	None
MUL 205	Principles of Graphic Design	ART 27
MUL 245	Principles of Web Design	DM 70 or DM 76
MUL 255	Interactive Design	None
MUL 265	Digital Audio and Video	None
MUL 275	3D Modeling and Rendering	None
Requirements for the Major:		Satisfied by:
MUL 300	Convergence Media	None
MUL 305	Applied Graphic Design	None
MUL 365	Applied Digital Audio and Video	None
MUL 335	Digital Design for Print	None
MUL 345	Applied Web Design	None
MUL 355	Game Scripting	None
MUL 332	Electronic Design and Layout	None
MUL 315	Video Game Design	DM 81
MUL 375	Applied 3-D Modeling and Rendering	None
MUL 445	Management of Web Projects	None
or		or
MUL 495	Practicum in Multimedia Arts (Internship)	None
Capstone Core Course:		
MUL 420	Portfolio Project*	None
*This is a <i>two-month</i> long class occurring after concentration courses		
see DE&IA concentrations on pages 259-260 of NU #72 catalog		
Concentration in Video Game Art and Animation:		Satisfied by:
MUL 381	Video Game Art	None
MUL 385	Video Game Animation	None
Concentration in Video Game Production and Design:		Satisfied by:
MUL 325	Psychology of Video Gaming	None
MUL 318	Video Game Production	None
NO COURSES ACCEPTED FROM COMMUNITY COLLEGES FOR 400 LEVEL (UD) COURSEWORK!		

Preparatory and Major courses for Bachelor of Science in Paralegal Studies (620-488)		
BS in Paralegal Studies		
Required Major Coursework :	Satisfied by:	
PLA 301	Legal Theory and Ethics	None
PLA 303	Law Office Administration	None
PLA 305	Property	None
PLA 306	Torts	None
PLA 308	Contracts	None
PLA 309	Directed Research and Writing A	None
PLA 310	Directed Research and Writing B	None
PLA 318	Remedies and Judgments	None
PLA 324	English for Professionals	None
Elective Courses:		
PLA 302	Computers and the Law	None
PLA 311	Internship	None
PLA 314	Worker's Compensation	None
PLA 315	Bankruptcy Law and Procedure	None
PLA 316	Entertainment Law	None
PLA 317	Immigration Practice	None
PLA 335	Employment Law	None

Not a part of the BS Paralegal Studies (620-488)

For PREP/MINORS

LAW 304	Legal Aspects of Business I	BUS 18
LAW 305	Legal Aspects of Business II	None

Ricardo Contreras
Articulation Officer
National University
1-866-NU-ACCESS ext: 8248

Mary Ellen Sullivan or Carolyn Jackson
Articulation Officer(s)
Cabrillo College
831-479-6272

*** All community college coursework articulated to 300 level coursework at National University will grant content waiver only. The student is responsible for meeting the overall upper division unit requirement for the Bachelors degree (76.5 quarter units) which may cause the student to need additional upper division electives.**

Articulation Assessment based on the following:

Course catalog: **Cabrillo College** 2008-2009
National University catalog: **Volume 72** September 1, 2008

National University will accept the following 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 certification form.

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).

Articulation references may be updated or amended at any time.