

**NATIONAL POLYTECHNIC COLLEGE OF SCIENCE  
NATIONAL UNIVERSITY  
ARTICULATION AGREEMENT**

**I. TITLE OF ARTICULATION AGREEMENT**

Associate in Science (AS) in Construction Management to Bachelor of Arts in General Studies.

**II. TYPE OF AGREEMENT**

Articulated AS to BA Agreement

**III. PURPOSE**

The purpose of the following articulated curriculum agreement is to facilitate the transfer of AS in Construction Management graduates from National Polytechnic College of Science (NPCS) to the Bachelor of Arts in General Studies at National University (NU).

**IV. NU PROGRAM INFORMATION**

MAJOR: General Studies

SCHOOL: College of Letters and Sciences

DEPARTMENT: Social Sciences

DEGREE: Bachelor of Arts

CONTACT: NPCS:

NU: Jacque Lynn Foltyn ([jfoltyn@nu.edu](mailto:jfoltyn@nu.edu))

**V. NATIONAL POLYTECHNIC COLLEGE OF SCIENCE CURRICULUM**

General Education Requirements

<b>Course Number</b>	<b>Course Title</b>	<b>Requirement Met</b>	<b>Quarter Units</b>	<b>NU Requirement Met</b>
ENG100	Effective College English	GE	5	ENG 100/101
CST205	Computer Applications	GE	5	Area A-G General Ed Elective
MTH216	College Algebra	GE	5	MTH 215
PHL100	Introduction to Philosophy	GE	5	PHL 100 or
PSY100	Introduction to Psychology	GE	5	PSY100 or
ANA100* (no lab)	Human Anatomy and Physiology	GE	5	BIO 201

Total Quarter Units: 30

Construction Management Courses

<b>Course Number</b>	<b>Course Title</b>	<b>Requirement Met</b>	<b>Quarter Units</b>	<b>NU Requirement Met</b>
CM110	Construction Materials and Methods	Major	5	<b>CEN 410</b> Waiver or OPEN ELECTIVE
CM120	Introduction to AutoCAD and Engineering Graphics	Major	5	<b>EGR 319</b> or OPEN ELECTIVE
CM115	Construction Mathematics	Major	5	<b>EGR 301</b> or OPEN ELECTIVE
CM130	Surveying and Metrics	Major	5	<b>CEN 320</b> or OPEN ELECTIVE
CM140	Structural Systems	Major	5	<b>EGR 304</b> or OPEN ELECTIVE
CM150	Working Drawings and Specifications	Major	5	<b>CEN 413</b> Waiver or OPEN ELECTIVE
CM160	Mechanical and Electrical Systems	Major	5	<b>CEN 416</b> Waiver or OPEN ELECTIVE
CM210	Cost Estimating	Major	5	<b>CEN 419</b> Waiver or OPEN ELECTIVE
CM220	Construction Planning and Scheduling	Major	5	<b>CEN 420</b> Waiver or OPEN ELECTIVE
CM230	Building Codes, Safety, and Inspection	Major	5	<b>CEN 422</b> Waiver or OPEN ELECTIVE
CM240	Construction Contract, Law, and Ethics	Major	5	<b>EGR 316</b> or OPEN ELECTIVE
CM290	Construction Management	Major	5	<b>EGR 440</b> Waiver or OPEN ELECTIVE

Total Quarter Units: 60

## VI: NATIONAL UNIVERSITY CURRICULUM

### General Education Requirements

General Education Area	Course Number	Course Title	NPCS Course	Units
Area A: English and Communication	ENG100/101	Effective College English	ENG 100	6
	ENG240	Advanced Composition		4.5
	COM103 or COM100	Oral Communication or Intro to Mass Comm.		4.5
Area B: Math	MTH 215	College Algebra & Trigonometry	MTH 216	4.5
Area C: Information Literacy	ILR260	Information Literacy		4.5
Area D: Humanities	PHL 100	Introduction to Philosophy	PHL 100	4.5
	Upper Division Humanities Course	LIT345		4.5
	Upper Division Humanities Course	MUS327		4.5
Area E: Social and Behavioral Sciences	PSY 100	Introduction to Psychology	PSY 100	4.5
	Upper Division Soc/Behavioral Science Course	HIS 300 or HIS350		4.5
	Soc/Behavioral Science Course	varies		4.5
Area F: Science with Lab	SCI 201	Human Anatomy & Physiology I	ANA 100	4.5
	SCI 201A	Human Anatomy & Physiology I Lab		1.5
Area G: Foreign Language	Foreign Language	varies		4.5
	Foreign Language	varies		4.5
Area A-G: G.E. Electives	Area A-G Elective	varies	CST 205	4.5
General Open Elective	Any 100-200	Varies		60

Total General Education Quarter Units required:

130.5 quarter units

Concentration Requirement options

Concentration	Prefix	Quarter Units
<b>Arts and Science</b>	Literature	
	Environmental Studies	
	Fine & Performing Arts	
	History	
	Social Science	
		<b>22.5 or 45</b>

**And Or**

Concentration	Prefix	Quarter Units
<b>Applied Study</b>	Law	
	Management	
	Accounting	
	Information Technology Management	
	Criminal Justice Administration	
	Marketing	
	Public Administration	
		<b>22.5 or 45</b>

Total Concentration Requirements Quarter Units required: 45 quarter units

Portfolio Requirement

Course Number	Course Title	Quarter Units
BGS 499	Portfolio Project	4.5

Total Portfolio Requirement Quarter Units required: 4.5 quarter units

Required Upper Division Electives 5(any Prefix)

Course Prefix	Course Level	NPCS Course	Quarter Units
EGR	319	CM 120	4.5
EGR	301	CM 115	4.5
CEN	320	CM 130	4.5
EGR	304	CM 140	4.5
EGR	316	CM 240	4.5

Total required Upper Division Electives 5 courses, 22.5 quarter units

Total Required courses in Concentration: 10

Total Required courses in Portfolio: 1

Total already taken at NPCCS: 0

Total courses to be taken at NU: 10 in Concentration + 1 in Portfolio + 10 in GE+ 14 in Open Electives

The total units for a NPCCS student will be 151.5 quarter units if they follow the above articulation exactly. The total courses required will be 35 courses. The courses that are in darker gray are the ones that will be completed at NU for the BA degree.

## **VII. PROVISIONS**

### **A. ADMISSION**

**NPCCS:** NPCCS students follow the admissions and degree requirements for the AS in Construction Management that are outlined in the NPCCS Catalog.

**NU:** NU will admit to freshmen level status toward a Bachelor of Arts in General Studies students who complete the articulated AS Degree in Construction Management at NPCCS and the prescribed coursework contained in this agreement.

### **B. CATALOG IN EFFECT/CONTINUOUS ENROLLMENT**

**NPCCS:** Students graduate under the catalog in effect at the time of their initial enrollment at National Polytechnic College of Science provided they maintain continuous enrollment. NPCCS defines continuous enrollment as one with no more than a 6 month break.

**NU:** Students are subject to the provisions of National University's continuous enrollment policy. A student may graduate under the provisions of the NU Catalog, which were in effect when the student began continuous enrollment at NU as long as they have not had a break in enrollment 12 months or greater.

### **C. GENERAL EDUCATION REQUIREMENTS**

Refer to pages 1-3 of this document.

### **D. GRADING POLICIES**

**NPCCS:** Graduation from NPCCS is dependent upon the completion of the program of study for the Associate of Science in Construction Management with a cumulative GPA of 2.00 or higher.

**NU:** All transferring students from NPCCS must have a cumulative GPA of 2.00 or higher. Grades of "D" are not allowed in transfer. Graduation from this baccalaureate degree program at NU requires a minimum cumulative "C" (2.0) academic grade point average as well as a minimum cumulative GPA in the major coursework of 2.00.

### **E. FORGIVENESS**

**NPCS:** Courses in which a grade of D or F was earned may be repeated. All courses attempted will appear on the transcript but the higher grade will be used in the cumulative GPA calculation and there will be a notation that the course was repeated.

**NU:** The NU Office of the Registrar calculates GPAs for all transfer students using the grade the issuing institution has included in its own GPA. With regard to withdrawals and incompletes, the transcript information provided by the reporting institution is honored.

#### **F. WAIVERS OR SUBSTITUTIONS**

Any waiver or substitution of coursework at either institution must have prior approval by the appropriate institution.

#### **G. MINIMUM UPPER DIVISION HOURS**

National University requires a minimum of 76.5 quarter units of upper division coursework.

#### **H. UPDATES AND TERMINATION**

This agreement will remain in effect unless written notice of termination is given to the other party thirty days prior to the effective date of termination. This agreement may be updated by either party if agreement is reached and all parties sign the document.

#### **I. OTHER**

Any variation in this program may result in additional required coursework.