



UNIVERSITY OF CENTRAL ARKANSAS™

ASSURANCE ARGUMENT EVIDENCE

TITLE

Sample 2+2 Transfer Agreement (ASLAS to BA/BS Mathematics)

OFFICE OF ORIGIN

Transfer Services

DATE DOCUMENT GENERATED

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DOCUMENT SUMMARY

This document is one example of the 2+2 transfer agreements between UCA and community college partners in the state of Arkansas.



MEMORANDUM OF UNDERSTANDING FOR ARTICULATION OF STUDENTS

UNIVERSITY OF CENTRAL ARKANSAS

AND

NORTHWEST ARKANSAS COMMUNITY COLLEGE

Associate of Science in Liberal Arts and Sciences

to

Bachelor of Arts in Mathematics – Pure Mathematics

Bachelor of Science in Mathematics – Applied Mathematics

Bachelor of Science in Mathematics – Pure Mathematics

This Memorandum of Understanding (“Agreement”) is entered into by and between the **UNIVERSITY OF CENTRAL ARKANSAS** (hereinafter, “UCA”), located at 201 Donaghey Avenue, Conway, Arkansas 72035 and **NORTHWEST ARKANSAS COMMUNITY COLLEGE** (hereinafter “NWACC”), located at 1 College Drive, Bentonville, Arkansas 72712.

PURPOSE

The purpose of this Agreement is to facilitate the transfer and degree completion of students earning the Associate of Science in Liberal Arts and Sciences at NWACC to the Bachelor of Arts in Mathematics (Pure Mathematics) or the Bachelor of Science in Mathematics (Applied or Pure Mathematics) at UCA. Through collaborative efforts, UCA and NWACC desire to provide clarity regarding the degree requirements herein, thereby affording students the opportunity to earn a high quality degree from both institutions in the most efficient manner possible.



AGREEMENT

It is agreed that any student who has earned the Associate of Science in Liberal Arts and Sciences at NWACC will be admitted to the Bachelor of Arts in Mathematics (Pure Mathematics) or the Bachelor of Science in Mathematics (Applied or Pure Mathematics) at UCA with full junior classification, subject to the provisions listed below.

ADMISSION REQUIREMENTS

- A. The student must complete the requirements necessary for general admission to UCA.
- B. The student will have earned the Associate of Science in Liberal Arts and Sciences at NWACC, with at least a 2.0 cumulative grade point average, on or after the Effective Date of this Agreement.

TRANSFER OF CREDITS

- A. Course requirements for this Agreement are displayed on the following attachments:
 - a. 2+2 Degree Plan Checklist: NWACC Associate of Science in Liberal Arts and Sciences to UCA Bachelor of Arts in Mathematics (Pure Mathematics)
 - b. 2+2 Degree Plan Checklist: NWACC Associate of Science in Liberal Arts and Sciences to UCA Bachelor of Science in Mathematics (Applied Mathematics)
 - c. 2+2 Degree Plan Checklist: NWACC Associate of Science in Liberal Arts and Sciences to UCA Bachelor of Science in Mathematics (Pure Mathematics)
- B. A transfer student who has not completed all of the courses specified within the Associate of Science in Liberal Arts and Sciences degree plan at NWACC, as stipulated on the above-referenced degree plan checklists, before entering UCA, must work with an academic advisor to ensure timely completion of degree program requirements.
- C. Remedial course grades will not be computed in the cumulative GPA for purposes of admission to UCA.
- D. UCA will accept the transfer of credits, up to a maximum of 6 credit hours, for “D” grades subject to the following conditions:
 - i. The transfer of credits with “D” grades is available only to first-time entering transfer students at the time of admission to UCA.
 - ii. The student must petition to receive credit for six hours of “D” grades of the student’s choosing.
 - iii. The student will select the appropriate six hours of “D” grades to transfer in to UCA after consultation with his/her appointed academic advisor.



- iv. Prerequisite rules shall apply to transfer of credits with “D” grades in the same manner as they would for credits earned at UCA.
- E. Calculation of overall GPA for purposes of graduation and awarding of honors is left to the discretion of UCA.

IMPLEMENTATION AND REVIEW

- A. The Chief Academic Officers at each institution will implement the terms of this Agreement, including incorporation of any mutually agreed upon changes into subsequent revisions of this Agreement, assuring compliance with any applicable policies, procedures and guidelines.
- B. This Agreement will be reviewed on an annual basis; both UCA and NWACC agree to notify one another in a timely manner of any curriculum changes that would significantly impact the nature of this Agreement.
- C. UCA and NWACC will work together cooperatively, in the best interest of affected students, to resolve any issues related to the transfer of courses should changes to either degree program occur while the Agreement is in effect.
- D. Students will be subject to the terms and conditions of this Agreement in accordance with their academic year of entry at NWACC. A student may opt for a subsequent revision of this Agreement, but must meet all of the requirements specified therein.
- E. UCA and NWACC will make every effort to inform students of this Agreement. This may include, but is not limited to, inclusion within each institution’s website, university catalog, recruitment publications, media announcements, social media engagement, and in-person information sessions.

MISCELLANEOUS

- A. This Agreement is effective upon execution and shall remain in effect even if persons, positions, and/or titles change.
- B. This Agreement may be terminated by either party with at least 90 calendar days written notice.
- C. In the event that the Agreement is terminated, all students who have already been admitted to UCA, in accordance with the terms of this Agreement, will be allowed to complete their approved course of study under the terms contained therein.
- D. Attached to this Agreement and made a part hereof as if set out word for word is the UCA University Contract Rider pursuant to Board of Trustees Policy No. 416.



University of
Central Arkansas



In witness whereof, the parties hereto cause this Agreement to be executed:

UNIVERSITY OF CENTRAL ARKANSAS

NORTHWEST ARKANSAS COMMUNITY COLLEGE

Tom Courtway 10/2/2015

Tom Courtway
President

Date

Dr. Evelyn E. Jorgenson 10/16/15

Dr. Evelyn E. Jorgenson
President

Date

RIDER

Any contract or agreement to which the University of Central Arkansas (“UCA”) is a party shall be deemed to have the following provisions incorporated by reference:

(1) *“Notwithstanding any other provision of this agreement or contract, the University of Central Arkansas shall not be responsible or liable for any type of special or consequential damage to the other party, specifically including, but not limited to, lost profits or commissions, loss of goodwill, or any other damages of such nature.”*

(2) *“Notwithstanding any other provision of this agreement or contract, the University of Central Arkansas shall never indemnify or hold another party harmless from any damages, liability, claims, demands, causes of action or expenses. However, with respect to any loss, expense, damage, liability, claim or cause of action, either at law or in equity, for actual or alleged injuries to persons or property, arising out of any negligent act or omission by UCA, or its employees or agents, in the performance of this agreement, UCA agrees that:*

(a) it will cooperate with the other party to this agreement in the defense of any action or claim brought against the other party seeking damages or relief;

(b) it will, in good faith, cooperate with the other party to this agreement should such other party present any claims or causes of action of the foregoing nature against UCA to the Arkansas State Claims Commission;

(c) it will not take any action to frustrate or delay the prompt hearing on claims of the foregoing nature by the Arkansas State Claims Commission, and will make reasonable efforts to expedite any hearing thereon.

UCA reserves the right, however, to assert in good faith any and all defenses available to it in any proceedings before the Arkansas State Claims Commission or any other forum.

Nothing herein shall be interpreted or construed to waive the sovereign immunity of UCA.”

(3) *“The University of Central Arkansas does not have any form of general liability insurance. It does have liability insurance coverage on vehicles, as well as certain professional liability coverage for clinical programs (and students assigned through those programs). Please contact the university department with responsibility for the program involved or the Office of General Counsel, if you have questions concerning insurance coverage.”*



2+2 Degree Plan Checklist

Associate of Science in Liberal Arts and Sciences BA in Mathematics (Pure Mathematics)



Northwest Arkansas Community College Associate of Science in Liberal Arts and Sciences¹

Possible Prerequisites			Semester	Hours	Grade
ENGL	0063	Intermediate Writing		N/C	
MATH	0053	Beginning Algebra		N/C	
MATH	0103	Intermediate Algebra		N/C	
READ	0033	College Reading		N/C	

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA ²	Semester	Hours	Grade
ENGL	1013	Composition I	WRTG 1310		3	
ENGL	1023	Composition II	WRTG 1320		3	
COMM	1303	Public Speaking	COMM 1300		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MATH	1204	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1544	Principles of Biology I	BIOL 1440		4	
PHSC	2004	Introduction to Physical Science	PHYS 1400		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
ARHS	1003	Art Appreciation or	ART 2300		3	
DRAM	1003	Introduction to Theatre or	THEA 2300			
MUSI	1003	Music Appreciation	MUS 2300			
ENG	2213	Survey of World Literature to 1650 or	ENGL 2305		3	
ENG	2223	Survey of World Literature from 1650	ENGL 2306			

U.S. History/Government (3 credit hours)			UCA	Semester	Hours	Grade
HIST	2003	History of American People to 1877 or	HIST 2301		3	
HIST	2013	History of American People 1877 to Present or	HIST 2302			
PLSC	2003	American National Government	PSCI 1330			

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
HIST	1033	World Civilizations to 1500 or	HIST 1310		3	
HIST	1043	World Civilizations from 1500	HIST 1320			
GEOG	1123	Human Geography or	GEOG 1320		3	
PSYC	2003	General Psychology or	PSYC 1300			
SOCI	2013	General Sociology	SOC 1300			

Mathematics Foundation & Foreign Language Requirement (25 credit hours)³

			UCA	Semester	Hours	Grade
MATH	1213	Plane Trigonometry	MATH 1392		3	
MATH	2554	Calculus I	MATH 1496		4	
MATH	2564	Calculus II	MATH 1497		4	
SPAN	1003	Elementary Spanish I ³	SPAN 1310		3	
SPAN	1013	Elementary Spanish II ³	SPAN 1320		3	
SPAN	2003	Intermediate Spanish I ³	SPAN 2300		3	
		General Elective			3	
		General Elective			2	

Total Hours: 60⁴



2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
BA in Mathematics (Pure Mathematics)



University of Central Arkansas
Bachelor of Arts in Mathematics (Pure Mathematics)

UCA Courses (60 credit hours)⁵

			Semester	Hours	Grade
MATH	2335	Transition to Advanced Mathematics		3	
MATH	2471	Calculus III		4	
MATH	3320	Linear Algebra		3	
MATH	3331	Ordinary Differential Equations		3	
MATH	3360	Introduction to Rings and Fields		3	
MATH	3362	Introduction to Group Theory		3	
MATH	4362	Advanced Calculus I		3	
MATH	4371	Introduction to Probability		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Minor Field Course		3	
		Minor Field Course		3	
		General Elective		3	
		General Elective		2	

Total Hours: 120⁶

¹ See your NWACC advisor for degree and graduation information.

² UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.

³ FREN 1003 (UCA: FREN 1310) - FREN 1013 (UCA: 1320) - FREN 2003 (UCA: FREN 2310) sequence can also be used to fulfill this requirement.

⁴ Students completing the AS in Liberal Arts and Sciences degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core requirements and will be admitted to the BA in Mathematics (Pure Mathematics) degree program as a junior.

⁵ For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.

⁶ This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.



2+2 Degree Plan Checklist

Associate of Science in Liberal Arts and Sciences BS in Mathematics (Applied Mathematics)



Northwest Arkansas Community College Associate of Science in Liberal Arts and Sciences¹

Possible Prerequisites			Semester	Hours	Grade
ENGL	0063	Intermediate Writing		N/C	
MATH	0053	Beginning Algebra		N/C	
MATH	0103	Intermediate Algebra		N/C	
READ	0033	College Reading		N/C	

General Education Requirements (35 credit hours)

English/Communication (9 credit hours)			UCA ²	Semester	Hours	Grade
ENGL	1013	Composition I	WRTG 1310		3	
ENGL	1023	Composition II	WRTG 1320		3	
COMM	1303	Public Speaking	COMM 1300		3	

Mathematics (3 credit hours)			UCA	Semester	Hours	Grade
MATH	1204	College Algebra	MATH 1390		3	

Lab Sciences (8 credit hours)			UCA	Semester	Hours	Grade
BIOL	1544	Principles of Biology I	BIOL 1440		4	
PHSC	2004	Introduction to Physical Science	PHYS 1400		4	

Fine Arts/Humanities (6 credit hours)			UCA	Semester	Hours	Grade
ARHS	1003	Art Appreciation or	ART 2300		3	
DRAM	1003	Introduction to Theatre or	THEA 2300			
MUSI	1003	Music Appreciation	MUS 2300			
ENG	2213	Survey of World Literature to 1650 or	ENGL 2305		3	
ENG	2223	Survey of World Literature from 1650	ENGL 2306			

U.S. History/Government (3 credit hours)			UCA	Semester	Hours	Grade
HIST	2003	History of American People to 1877 or	HIST 2301		3	
HIST	2013	History of American People 1877 to Present or	HIST 2302			
PLSC	2003	American National Government	PSCI 1330			

Social Sciences (6 credit hours)			UCA	Semester	Hours	Grade
HIST	1033	World Civilizations to 1500 or	HIST 1310		3	
HIST	1043	World Civilizations from 1500	HIST 1320			
GEOG	1123	Human Geography or	GEOG 1320		3	
PSYC	2003	General Psychology or	PSYC 1300			
SOCI	2013	General Sociology	SOC 1300			

Mathematics Foundation & Ancillary BS Requirement (25 credit hours)³

			UCA	Semester	Hours	Grade
ECON	2013	Principles of Macroeconomics ³	ECON 2320		3	
ECON	2023	Principles of Microeconomics ³	ECON 2321		3	
MATH	1213	Plane Trigonometry	MATH 1392		3	
MATH	2554	Calculus I	MATH 1496		4	
MATH	2564	Calculus II	MATH 1497		4	
		General Elective			3	
		General Elective			3	
		General Elective			2	

Total Hours: 60⁴



2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
BS in Mathematics (Applied Mathematics)



University of Central Arkansas
Bachelor of Science in Mathematics (Applied Mathematics)
UCA Courses (60 credit hours)⁵

			Semester	Hours	Grade
MATH	2335	Transition to Advanced Mathematics		3	
MATH	2441	Mathematical Computation		4	
MATH	2471	Calculus III		4	
MATH	3320	Linear Algebra		3	
MATH	3331	Ordinary Differential Equations		3	
MATH	4306	Modeling and Simulation		3	
		Choose one:			
MATH	4315	Introduction to Partial Differential Equations		3	
MATH	4340	Numerical Methods			
MATH	4373	Regression Analysis			
MATH	4371	Introduction to Probability		3	
MATH	4372	Introduction to Statistical Inference		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Minor Field Course		3	
		Minor Field Course		3	
		General Elective		1	

Total Hours: 120⁶

¹ See your NWACC advisor for degree and graduation information.

² UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.

³ The following course combinations will also satisfy the ancillary BS requirement (general elective credit hours may need to be adjusted based upon the courses chosen - please see your advisor if you have questions about this requirement):

- PHYS 2074 (UCA: PHYS 1441) and PHYS 2084 (UCA: PHYS 1442) or
- PHYS 2054 (UCA: PHYS 1410) and PHYS 2064 (UCA: PHYS 1420) or
- CHEM 1014 (UCA: CHEM 1450) and CHEM 1024 (UCA: CHEM 1451)

⁴ Students completing the AS in Liberal Arts and Sciences degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core requirements and will be admitted to the BS in Mathematics (Applied Mathematics) degree program as a junior.

⁵ For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.

⁶ This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.



2+2 Degree Plan Checklist

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MATH	0053	Beginning Algebra		N/C	
MATH	0103	Intermediate Algebra		N/C	
READ	0033	College Reading		N/C	

General Education Requirements (35 credit hours)

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			UCA	Semester	Hours	Grade
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MATH	2554	Calculus I	MATH 1496		4	
MATH	2564	Calculus II	MATH 1497		4	
		General Elective			3	
		General Elective			3	
		General Elective			3	
		General Elective			3	
		General Elective			2	

Total Hours: 60³



2+2 Degree Plan Checklist
Associate of Science in Liberal Arts and Sciences
BS in Mathematics (Pure Mathematics)



University of Central Arkansas
Bachelor of Science in Mathematics (Pure Mathematics)

UCA Courses (60 credit hours)⁴

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MATH	3331	Ordinary Differential Equations		3	
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MATH	3362	Introduction to Group Theory		3	
MATH	4362	Advanced Calculus I		3	
MATH	4371	Introduction to Probability		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		3	
		Math Major Elective (4000 Level – from Approved List – See your Advisor)		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Upper Division Minor Field Course		3	
		Minor Field Course		3	
		Minor Field Course		3	
		General Elective		3	
		General Elective		2	

Total Hours: 120⁵

¹ See your NWACC advisor for degree and graduation information.

² UCA transfer course designations are either guaranteed by ACTS (acts.adhe.edu) or have been approved as a substitution by UCA. Unless otherwise noted, courses for which no UCA equivalent course is listed would transfer in as elective credit.

³ Students completing the AS in Liberal Arts and Sciences degree requirements, as shown above, with a minimum 2.0 cumulative GPA, will have satisfied the UCA Lower-Division Core requirements and will be admitted to the BS in Mathematics (Pure Mathematics) degree program as a junior.

⁴ For more specific information about degree requirements within the junior and senior years at UCA, please review the UCA Undergraduate Bulletin (<http://uca.edu/ubulletin>) and consult your UCA academic advisor.

⁵ This degree program requires a total of 120 semester credit hours, including at least 40 upper-division credit hours completed at UCA.