



MEMORANDUM OF UNDERSTANDING FOR ARTICULATION OF STUDENTS

UNIVERSITY OF ARKANSAS COMMUNITY COLLEGE AT BATESVILLE AND LYON COLLEGE

UACCB Associate of Science in STEM

to

Lyon College Bachelor of Science in Biology

This Memorandum of Understanding (“Agreement”), entered into on this 13th day of December 2022, (“Effective Date”) by and between the Board of Trustees of the University of Arkansas for and on behalf of the **University of Arkansas Community College Batesville** (hereinafter “UACCB”), located at 2005 White Drive, Batesville, Arkansas 72501 and **Lyon College** (hereinafter, “Lyon”), located at 2300 Highland Road, Batesville, Arkansas 72501.

PURPOSE

This Agreement aims to facilitate the transfer and degree completion of students earning the Associate of Science (AS) degree in Science, Technology, Engineering, and Mathematics (STEM) at UACCB to the Bachelor of Science (BS) in Biology at Lyon. Through collaborative efforts, Lyon and UACCB will 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 STEM at UACCB will be admitted to the Bachelor of Science in Biology at Lyon with full junior classification, subject to the provisions listed below.

ADMISSION REQUIREMENTS

- A. The student must complete the requirements necessary for general admission to Lyon.
 - a. Students will be required to provide documentation of a 2.75 or higher cumulative GPA from UACCB.
 - b. Students must formally declare Biology, BS as their major.
- B. Degree program admission requirements for students who transfer pursuant to this Agreement will be determined in the same manner as if their initial enrollment had been at Lyon.

TRANSFER OF CREDITS

- A. Course requirements for this Agreement are displayed in Appendix A, UACCB Associate of Science in STEM to Lyon Bachelor of Science in Biology with degree plan checklist.

- B. A transfer student who has not completed all of the courses specified within the required Associate degree plan at UACCB, as stipulated on the above-referenced degree plan checklists, before entering Lyon, must work with an academic advisor to ensure timely completion of degree program requirements before entering into the 2+2 Agreement.
- C. Remedial course grades will not be computed in the cumulative GPA for purposes of admission to Lyon. Furthermore, remedial courses are not transferable toward a Lyon degree.
- D. Calculation of overall GPA for purposes of graduation and awarding of honors will be in accordance with Lyon policy.

IMPLEMENTATION AND REVIEW

- A. The Chief Academic Officers at each institution will implement the terms of this Agreement, including the incorporation of any mutually agreed upon changes into subsequent revisions of this Agreement, assuring compliance with system policy, procedure, and guidelines.
- B. This Agreement will be reviewed on an annual basis by representatives from both institutions; both Lyon and UACCB agree to notify one another in a timely manner of any curriculum changes that would significantly impact the nature of this Agreement.
- C. Lyon and UACCB 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 UACCB. A student may opt for a subsequent revision of this Agreement, but must meet all of the requirements specified therein.
- E. Lyon and UACCB will make every effort to inform students of this Agreement. This may include, but is not limited to, inclusion within each institution's website, published catalog, recruitment publications, media announcements, social media engagement, and in-person information sessions.

MISCELLANEOUS

- A. This Agreement may be terminated by either Lyon or UACCB upon written notice from the Lyon College President or the UACCB Chancellor with at least 90 calendar days of written notice.
- B. In the event that the Agreement is terminated, no new students will be admitted to the program; however, all students who have already been admitted to Lyon, in accordance with the terms of this Agreement, will be allowed to complete their approved course of study under the terms contained therein.
- C. This Agreement shall become effective at the time that the Arkansas Department of Higher Education has been notified and approval has been granted.

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

LYON COLLEGE

**UNIVERSITY OF ARKANSAS COMMUNITY
COLLEGE AT BATESVILLE**

Dr. Melissa Taverner, President

Date

Dr. Brian Shonk, Chancellor

Date



Appendix A: 2+2 Degree Plan Checklist

UACCB: Associate of Science in STEM
LYON COLLEGE: Bachelor of Science in Biology



UACCB Courses

CORE REQUIREMENTS IN GENERAL EDUCATION (35 CREDIT HOURS)

English/Communication (9 credit hours)

			LYON	Semester Hours	Grade
ENG 1103	English Composition I	ENG 101 Composition I		3	
ENG 1203	English Composition II	ENG 102 Composition II		3	
SPC 1003	Oral Communication	ENG 103 Oral Presentation		3	

Mathematics (3 credit hours)

			LYON	Semester Hours	Grade
MTH 1023	College Algebra or higher-level math course	MTH 101 College Algebra		3	

Life/Physical Sciences (8 credit hours)

			LYON	Semester Hours	Grade
BIO 1103/01	Biology for Majors/with Lab	BIO110/110L Principles of Biology		4	
CHM 1103/01	College Chemistry I/with Lab	CHM 110/110L General Chemistry I/with Lab		4	

Fine Arts/Humanities (6 credit hours)

			LYON	Semester Hours	Grade
FAM 2003	Music or Theater or Visual Art	MUS 105 Language of Music THE 101 Introduction to Theatre ART 101 Introduction to Visual Arts		3	
ENG 2113	World Literature I	ENG 105 World Literature		3	

Social Sciences (9 credit hours)

			LYON	Semester Hours	Grade
HIS 1013	World Civilization I	HIS 110 World Civilization		3	
POS 2103	United States Government	POL 105 The American Experience		3	
PSY 1003	General Psychology or Cultural Anthropology	PSY 101 Intro to Psychology ANT 101 Intro to Cultural Anthropology		3	

ELECTIVES (25 CREDIT HOURS)

Electives for Transfer for Biology (27 hours)

			LYON	Semester Hours	Grade
BIO 1113/11	Botany/with Lab	BIO 112/112L Principles of Bio II (must also take UACCB BIO 1123/21 for credit for this course)		4	
BIO 1123/21	Principles of Zoology/with Lab	Elective Credit		4	
BIO 2003/01	Anatomy and Physiology I/with lab	BIO 260 Human Anatomy and Physiology I/with lab		4	
BIO 2013/11	Anatomy and Physiology II/with lab	BIO 260 Human Anatomy and Physiology II/with lab		4	
BIO 2203/01	Microbiology/with Lab	BIO 350 Introduction to Microbiology		4	
CHM 1123/21	College Chemistry II/with Lab	CHM 120/120L General Chemistry II/with Lab		4	
MTH 1013	Trigonometry	MTH 110 Elementary Functions		3	

UACCB Total: 62 credits



Appendix A: 2+2 Degree Plan Checklist
UACCB: Associate of Science in STEM
LYON COLLEGE: Bachelor of Science in Biology



LYON Courses

Lyon Core (14 hours)

			Semester Hours	Grade
SPN, FRN, or FGN 101	Beginning Foreign Language I		3	
SPN, FRN, or FGN 102	Beginning Foreign Language II		3	
RPH XXX	Religion or Philosophy Course		3	
HIS 112	World Civilization II		3	
PED 1XX	Physical Education Activity Course		1	
PED 1XX	Physical Education Activity Course		1	

Biology Major (41 hours)

			Semester Hours	Grade
BIO 250	Cell Biology		4	
BIO 252	Genetics		4	
BIO300 or MTH360 or PSY235	Biostatistics Probability and Statistics Statistics for the Behavioral Sciences		3	
BIO 340 or BIO 370	Ecology Evolution		4	
BIO/CHM/EXS/PHY/PSY/SCI	Science Electives		18	
BIO 495	Senior Evaluation		0	
CHM 210	Organic Chemistry I		4	
PHY 210/211 or PHY 240/241	General Physics I with lab Fundamentals of Physics I with lab		4	

Other credits (5 hours)

Classes to be chosen by the student in consultation with the academic advisor.

Lyon Total: 60 credits

Total UACCB and Lyon: 122 credits



Appendix A: 2+2 Degree Plan Checklist
UACCB: Associate of Science in STEM
LYON COLLEGE: Bachelor of Science in Biology



Two-Year Course Plan at Lyon College (Junior and Senior Years)

Biology BS with Pre-Medical Concentration

Fall Junior Year			Spring Junior Year		
<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>	<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>
BIO 205	Biomedical Terminology	1	BIO 300 or	Biostatistics	3
BIO 250	Cell Biology	4	MTH 360 or	Probability and Statistics	
BIO 250L	Cell Biology Lab	0	PSY 235	Statistics Behavioral Sciences	
FRG 101	Foreign Language I	3	BIO 252	Genetics	4
CHM 210	Organic Chemistry I	4	BIO 252L	Genetics Lab	0
CHM 210L	Organic Chemistry I Lab	0	CHM 220	Organic Chemistry II	4
RPH xxx	Religion and Philosophy Class	3	CHM 220L	Organic Chemistry II Lab	0
PED xxx	Physical Education Class	1	FRG 102	Foreign Language II	3
Total		16	PED xxx	Physical Education Class	1
			Total		15
			Summer Junior Year		
Fall Senior Year			Spring Senior Year		
<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>	<u>Course #</u>	<u>Course Title</u>	<u>Credits</u>
Bio Major	Science Elective 300-Level or	3	BIO 495	Senior Evaluation	0
Elective	Higher		Bio Major	Science Elective	3
BIO 340 or	Ecology or	4	Elective 1		
BIO 370	Evolution		Bio Major	Science Elective or Class of	3
BIO 340L or	Ecology Lab	0	Elective 2	Choice	
BIO 370	Evolution Lab		HIS 112	World Civilization II	3
BIO 356	Biochemistry	4	PSY xxx	Psychology Class or class of	3
Bio 356L	Biochemistry Lab	0		choice	
PED xxx	Physical Education Class	1	PHY 220 or	General Physics II	3
PHY 210 or	General Physics I	3	PHY 250	Fundamentals Physics II	
PHY 240	Fundamentals of Physics I		PHY 221 or	General Physics II Lab	1
PHY 211 or	General Physics I Lab	1	PHY 251	Fundamentals Physics II Lab	
PHY 241	Fundamentals of Physics I Lab		Total		16
Total		15			

Note: It is highly recommended that students take biochemistry before taking the MCAT.