UNIVERSITY OF ARKANSAS
PULASKI TECHNICAL COLLEGE

Transfer Agreement Checklist
Associate of Science in Liberal Arts and Sciences
Bachelor of Science in Biology
Molecular Biotechnology Concentration

UA LITTLE ROCK

University of Arkansas Pulaski Technical College
Associate of Science in Liberal Arts and Sciences

English / Communications (9 credit hours)			UA Little Rock	Semester	Hours	Grade
ENGL	10103	English Composition I	ENGL 10103		3	
ENGL	10203	English Composition II	ENGL 10203		3	
SPCH	10003	Speech Communications	COMM 10073		3	

Mathematics (3 credit hours)			UA Little Rock	Semester	Hours	Grade
MATH	11003	College Algebra	MATH 11003		3	

Lab Sciences (8 credit hours)			UA Little Rock	Semester	Hours	Grade
BIOL	10103 10101	Biological Science with Lab	BIOL 10104		4	
CHEM	14103 14101	General Chemistry I General Chemistry I Lab	CHEM 13003 CHEM 11001		4	

Fine Arts and Humanities (6 credit hours)			UA Little Rock	Semester	Hours	Grade
ARHS MUSC THTR	10003 10003 20003	Introduction to Visual Arts or Introduction to Music or Introduction to Theatre	ARHS 10003 MUSC 20003 THTR 10003		3	
ENGL	21103	World Literature from the Beginning to 1650	ENGL 21103		3	

US Hist/History of Civ/Social Science (9 credit hours)			UA Little Rock	Semester	Hours	Grade
HIST HIST	21103 21203	U.S. History to 1877 or U.S. History since 1877	HIST 21103 HIST 21203		3	
PSYC SOCI	11003 10103	Psychology and the Human Experience or Introduction to Sociology	PSYC 20043 SOCI 10103		3	
HIST HIST	11103 11203	History of Civilization I or History of Civilization II	HIST 11103 HIST 11203		3	

Biology and Electives (25 credit hours)			UA Little Rock	Semester	Hours	Grade
BIOL	20003 20001	Microbiology with Lab	BIOL 20194		4	
BIOL	10303 10301	General Botany with Lab	BIOL 20304		4	
CHEM	14203 14201	General Chemistry II with Lab	CHEM 14204		4	
MATH	21003	Introduction to Statistics & Probability	MATH 21003		3	
PHYS	20103/ 20101	College Physics I with Lab	PHYS 20103/20101		4	
PHYS	20203/ 20201	College Physics II with Lab	PHYS 20203/20201		4	
		Elective			2	

Total Hours: 60

Revised: Fall 2025

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University of Arkansas at Little Rock
Bachelor of Science in Biology

Biology Foundation Courses (11 hours)			Semester	Hours	Grade
BIOL	20504	Zoology		4	
BIOL	30883	Genetics		3	
BIOL	30393	Principles of Ecology		3	
BIOL	49091	Biology Seminar		1	

Molecular Biotechnology Major Only (9 hours)			Semester	Hours	Grade
BIOL	48991 48982 48973	Undergraduate Research Undergraduate Research Undergraduate Research		3	
BIOL	41784	Molecular Biology		3	
BIOL	41884	Biotechnology		3	

Molecular Biotechnology Elective Courses (8 hours upper-level BIOL electives; 3 electives with lab)			Semester	Hours	Grade
BIOL	30091	Genetics Laboratory		1	
BIOL	30084	Developmental Biology		4	
BIOL	30294	Human Anatomy		3	
BIOL	41193	Neurobiology		3	
BIOL	41593	Toxicology		3	
BIOL	40694	Cell Biology		4	
BIOL	41384	Immunology		4	
BIOL	41584	Biometry		4	
BIOL	41984	Plant Physiology		4	
BIOL	42284	Human Physiology		4	
BIOL	42684	Plant and Human Nutrition		4	
BIOL	42784	Tissue Engineering		4	

Additional Requirements (32 hours)					
CHEM	25034 36053 36051	Organic Survey **OR** General Organic Chemistry I **AND** Organic Chemistry Lab		4 3 1	
		Electives needed to reach 120 credit hours		28	

Total Hours: <u>120</u>

*Remaining hours to reach 120 minimum total hours, 45 hours of upper-level courses (30000-40000 level), and 30 hours in residence.

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