

# COURSE EQUIVALENCY TABLE

## BS CLINICAL LABORATORY SCIENCES

DUTCHESS  
COMMUNITY COLLEGE

ALBANY COLLEGE OF PHARMACY  
AND HEALTH SCIENCES

LAX - LIBERAL ARTS AND SCIENCES – SCIENCE (LAX)			BS CLINICAL LABORATORY SCIENCES		
Course #	Course Title	Credits	Course #	Course Title	Credits
<b>First Semester</b>					
BIO 105	General Biology I	4	BIO 101	General Biology I	4
CHE 121	General Chemistry I	4	CHE 101	General Chemistry I	4
ENG 101	Composition I	3	COM 101	Academic Reading and Writing	3
MAT 118	Elementary Statistics	3	MAT 145	Elementary Statistics	3
SPE 101	Public Speaking	3	COM 115	Principles of Communication	3
SCI 100	Science Introductory Seminar	1		No credit will be given	
		<b>18</b>			<b>17</b>
<b>Second Semester</b>					
BIO 106	General Biology II	4	BIO 102	General Biology II	4
CHE 122	General Chemistry II	4	CHE 102	General Chemistry II	4
HIS 103/104	History of the United States I/II	3	HUM 101	The Pre-Modern World	3
ENG 102	Composition II	3		Liberal Arts Elective	3
BHS 103	Social Problems in Today's World	3		Liberal Arts Elective	3
		<b>17</b>			<b>17</b>
<b>Third Semester</b>					
BIO 231	Human Anatomy and Physiology I	4	BIO 213	Anatomy & Physiology I	3
			BIO 214	Anatomy & Physiology I Lab	1
CHE 231	Organic Chemistry I	4	CHE 211	Organic Chemistry I	4
	Social Science*	3		Social Science Elective	3
	Gen. Education Elective**	3	HUM 102	The Modern World	3
MAT 221	Calculus I	4	MAT 121	Calculus I	4
		<b>18</b>			<b>18</b>
<b>Fourth Semester</b>					
CHE 232	Organic Chemistry II	4	CHE 221	Organic Chemistry II	4
BIO 232	Human Anatomy and Physiology II	4	BIO 215	Anatomy & Physiology II	3
			BIO 216	Anatomy & Physiology II Lab	1
PSY 111	Psychological Principles I	3	PSY 101	General Psychology	3
WFE 101	Lifetime Wellness and Fitness	3		No credit will be given	
	Humanities***	3	HUM 201	The Contemporary World	3
		<b>17</b>			<b>14</b>
	<b>Total Credits</b>	<b>70</b>		<b>Total Credits Transferred</b>	<b>66</b>

Effective November, 2019. The official signed articulation agreement is available in the Office of Academic Affairs.

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* Should have course attribute of BHS, ECO or PSY from this list to satisfy ACPHS requirement. Students may not use BHS 103 to satisfy the Social Science requirement.	No credit will be accepted for grades lower than "C" or for physical education courses.
** Select a course from SUNY Gen Ed Appendices E Western Civilization	
*** Select a course from SUNY Gen Ed Appendices G Humanities. Should have course attribute of ART, ENG, HUM, PHI or THE from this list to satisfy ACPHS requirement.	CHE 211 and CHE 221 satisfy the CHE 245 requirement for CLS at ACPHS with the extra credits counting as free elective credit.
<b>Students must complete Cell Biology with lab (4 credits), Sophomore Seminar (3 credits of a Science Research class), Medical Terminology (3 credits) at any point prior to enrolling at ACPHS as a third-year student. Please note that SUNY Dutchess does not offer these courses. They may be taken online or in person through any two or four year accredited program. Please seek assistance from ACPHS Transfer advisor for course guidance.</b>	

Dutchess Community College (66 credits)

Outstanding Coursework to be completed prior to ACPHS matriculation (10 credits)

\*Please note that ACPHS only allows a maximum of 68 transferrable credits.

Remaining ACPHS Coursework (61 credits)

- Clinical Microbiology I w lab (4)
- Clinical Microbiology II w lab (4)
- Biochemistry (3)
- Clinical Biomedical Techniques (1)
- Clinical Hematology w lab (4)
- Urinalysis and Body Fluids w lab (2)
- Bioethics (3)
- Clinical Chemistry w lab (4)
- Immunohematology w lab (4)
- Clinical Immunology w lab (4)
- Genetics and Molecular Basis of Disease (4)
- Laboratory Management and Education (3)
- Clinical Practicums (18)
- Clinical Correlations (3)