

# COURSE EQUIVALENCY TABLE

## BS PHARMACEUTICAL SCIENCES

### DUTCHESS COMMUNITY COLLEGE

### ALBANY COLLEGE OF PHARMACY AND HEALTH SCIENCES

LAX - LIBERAL ARTS AND SCIENCES – SCIENCE (LAX)			BS PHARMACEUTICAL 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
SCI 100	Science Introductory Seminar	1		No credit will be given	
		<b>15</b>			<b>14</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>					
	Gen. Education Elective*	3	HUM 102	The Modern World	3
CHE 231	Organic Chemistry I	4	CHE 211	Organic Chemistry I	4
PHY 121	General Physics I	4	PHY 212	College Physics I	4
MAT 221	Calculus I	4	MAT 121	Calculus I	4
		<b>15</b>			<b>15</b>
<b>Fourth Semester</b>					
CHE 232	Organic Chemistry II	4	CHE 221	Organic Chemistry II	4
	Free Elective	4		General Elective	4
PSY 111	Introduction to Psychology	3	PSY 101	Psychology	3
	Humanities**	3	HUM 201	The Contemporary World	3
WFE 101	Lifetime Wellness and Fitness	3		No credit will be given	
		<b>17</b>			<b>14</b>
	<b>Total Credits</b>	<b>64</b>		<b>Total Credits Transferred</b>	<b>60</b>
* Select a course from SUNY Gen Ed Appendices E Western Civilization			No credit will be accepted for grades lower than "C" or for physical education courses.		
** 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.					

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Dutchess Community College (60 credits). Up to 8 more credits with a grade of C or better can be transferred from DCC.

Remaining ACPHS Coursework (71 credits)

- Scientific Reasoning and Analysis (6)
- Directed Electives (28) – can be taken at DCC in the form of upper level science electives
- Biochemistry (3)
- Pathophysiology I (4)
- Pathophysiology II (4)
- Pharmaceutics I (3)
- Pharm. Sci Workshop (2)
- Molecular Biology (3)
- Molecular Foundations of Drug Action I (3)
- Foundations of Pharm. Science (2)
- Thesis (6)
- General/Humanities Electives (4) – can be taken at DCC
- Capstone (3)

Waives: Survey of Pharm. Science (1)