



**ALBANY COLLEGE
OF PHARMACY
AND HEALTH SCIENCES**

ACADEMIC ARTICULATION AGREEMENT

Between

ALBANY COLLEGE OF PHARMACY AND HEALTH SCIENCES (ACPHS)

106 New Scotland Avenue

Albany, NY 12208

And

HUDSON VALLEY COMMUNITY COLLEGE (HVCC)

80 Vandenberg Avenue

Troy, NY 12081

Effective as of January 2023

ACPHS and HVCC desire to cooperate in accordance with the terms of this agreement to provide a mechanism by which students completing the Associate in Science at HVCC can be accepted into a Baccalaureate Degree at ACPHS.

1. This Agreement sets forth the terms and conditions under which students completing an identified Associate in Science Degree (AS) at HVCC can apply to fill available slots as determined by ACPHS. Each participating Baccalaureate Degree Program (BS) at ACPHS will provide at least 5 slots per year for students from HVCC.
2. HVCC will provide a structured curriculum in a listed AS degree program. ACPHS will likewise provide a structured curriculum in a listed BS degree program.

As such, HVCC will:

- A. Orient HVCC students and faculty to pertinent rules and policies associated with this agreement
- B. Appoint an advisor who will maintain contact with HVCC students and the Directors of the BS Programs, specifically to share information on student progress and status of the agreement
- C. Provide students with ACPHS application and program materials, or make arrangements for this to occur

And as such, ACPHS will:

- A. Make final determinations on the acceptance of students in the BS programs
- B. Provide accepted students with a determination of transfer credits acceptance
- C. Provide the program advisor at HVCC with information regarding student acceptance into the BS programs
- D. Provide documentation to HVCC regarding the performance of HVCC students in the BS programs

3. Decisions on Transfer Common Applications to the BS programs at ACPHS will be made in accordance with the standards described in the attached appendices. These standards may be modified from time to time by consent of both Colleges.
 - A. Students must have completed, or plan to complete, the AS degree by the start of the semester in which they enroll at ACPHS. Acceptance of students who have not yet completed the AS degree will be contingent upon their successful completion of the degree.
 - B. Students must have completed the HVCC degree in the manner described in the course equivalencies appendices.
 - C. Applications must be submitted online through the Transfer Common Application. The deadline for spring enrollment is November 15 in the year prior to desired matriculation. The deadline for fall enrollment is May 1 in the year of desired matriculation. Applications will be reviewed on a rolling basis. ACPHS will waive the application fee for all students applying under this agreement.
 - D. The overall and science GPA must be 3.0 or greater when students matriculate at ACPHS.
 - E. All transferred courses must have been completed with a C or better. Courses completed with grades less than C may be used to satisfy HVCC requirements as described in the HVCC catalog but will not be granted credit at ACPHS.
 - F. The following course transfer policies will apply:
 - A maximum of 68 credits will be transferred to ACPHS.
 - The granting of credit for courses taken in High School (i.e., AP courses) or before High School graduation may be re-evaluated using existing established ACPHS guidelines.
 - Courses used for elective credit are subject to guidelines used in the evaluation of traditional ACPHS transfers. For example, Physical Education/ Activity course credits are not transferable.
 - Courses transferred into HVCC are subject to re-approval for equivalence by ACPHS.
 - G. All requirements for the BS degree must be fulfilled by the transferring student. As such, HVCC acceptance into the BS programs at ACPHS through the guidelines provided here does not guarantee an "on-time" graduation.
 - H. Selection of students to the program who meet these criteria in excess of the annual minimum set by ACPHS shall be made in accordance with ACPHS transfer admissions policies. Students not eligible for this program are welcome to apply with decisions made in accordance with ACPHS admissions policies. The course transfer equivalencies outlined in the program-to-program appendices will apply to students transferring from HVCC under this agreement.
 - I. Students will be considered students of HVCC until they complete their Associates Degree and enroll in a BS program at ACPHS.

4. This Agreement is effective as of the Effective Date above set forth. This program will be reviewed on an ongoing basis in order to modify the requirements as necessary. The program may be altered with the prior written consent of both institutions. Should either HVCC or ACPHS wish to terminate the program, one year advance written notice will be given; students already enrolled will be permitted to complete their programs of study.
5. Both HVCC and ACPHS may publicize the program in the appropriate publications, bulletins and marketing materials, subject to pre-approval by both institutions.
6. Students applying to ACPHS under this agreement have given written consent that ACPHS and HVCC may provide to each other educational records of the student. ACPHS and HVCC acknowledge that records relating to or concerning the Program are educational records within the meaning of the Family Educational and Privacy Rights Act (FERPA) codified in 20 U.S.C. § 1232g.
7. Neither ACPHS nor HVCC will discriminate against any qualified employee or enrolled student in violation of applicable State or Federal laws.
8. Notification

To ACPHS:

Dean & Vice President of Academic Affairs
Anuja Ghorpade

Albany College of Pharmacy and Health
Sciences
106 New Scotland Avenue
Albany, NY 12208

To HVCC:

Michael E. Shea
Department Chair, Biology, Chemistry and
Physics
80 Vanderburgh Avenue
Troy, NY 12180

Christine DeCancio
Coordinator of Academic Services
Guenther Enrollment Service Center
272
80 Vandeburgh Avenue
Troy, NY 12180

9. ACPHS and HVCC each represent and warrant that the individual signing this Agreement on its behalf is authorized to contractually bind such party.

ALBANY COLLEGE OF PHARMACY AND HEALTH SCIENCES

Anuja Ghorpade, Ph.D.
Dean & Vice President of Academic Affairs

Date

HUDSON VALLEY COMMUNITY COLLEGE

Michael E. Shea
Department Chair, Biology, Chemistry & Physics

Date

Héctor M. Rodriquez, Ph.D., P.E.
Dean, STEM

Date

Ronalyn Wilson
Associate Vice President for Academic Affairs

Date

Judy DiLorenzo
Vice President for Academic Affairs

Date

Dr. Roger Ramsammy, Ph.D.
President

Date

**ALBANY COLLEGE OF PHARMACY AND HEALTH SCIENCES (ACPHS)
HUDSON VALLEY COMMUNITY COLLEGE (HVCC)**

AS Biotechnology (HVCC) – BS Microbiology/Biopharmaceutical Industry Track (ACPHS)

HVCC Requirement	HVCC Course #	HVCC Course Name	Cr	ACPHS Course #	ACPHS Course Name	Cr
Major	BIOL 103	Orientation to Biology and Bioethics	1	---	---	---
	BIOL 190	Biology I	4	BIO 111	General Biology I	4
	BIOL 191	Biology II	4	BIO 121	General Biology II	4
	BIOL 265	Principles of Microbiology	4	BIO 210	Microbiology	4
	BIOL 275	Cell Biology	4	BIO 235 BIO 236	Cell Biology Cell Biology Lab	3 1
	BIOL 285	Molecular Laboratory Techniques	3	BIO 350	BLT I	3
	CHEM 110	General Chemistry I	4	CHE 111	General Chemistry I	4
	CHEM 111	General Chemistry II	4	CHE 121	General Chemistry II	4
	ENGL 101	English Composition I	3	COM 115	Principles of Communication	3
	ENGL 102 or ENGL 104	English Composition II or English Composition II: Writing About Literature	3 3	HUM 2XX	Humanities Methods and Approaches Selective	3
	MATH 135	Elementary Statistics	4	MAT 145	Elementary Statistics	3
Restricted Electives	Courses must be designated as both "SUNY General Education" and HVCC Liberal Arts and Sciences" courses. In addition, 3 of the following General Education categories must be satisfied: SS, AH, WC, OC, AR or FL.		9	HUM 2XX	Science and Health Through the Humanities Lenses Selective	3
					Liberal Arts Electives	6
Mathematics Electives	Any 4-credit math course, MATH 150 or above (Calculus must be completed prior to BS graduation)		4	MAT 111	Calculus (general elective if not Calculus)	4
Science Electives (Must Chose)	CHEM 210 Organic Chemistry I (4) CHEM 211 Organic Chemistry II (4)		8	CHE 211 CHE 221	Organic Chemistry I Organic Chemistry II	8
Science Electives (Chose One)	BIOL 122 Introductory Biomanufacturing Credits (4) BIOL 245 Immunology (3) – recommended BIOL 281 Genetics (4) CHEM 200 Biochemistry (3) CHEM 205 Analytical Chemistry (4)		3-4	PSC 315	Immunology	3
Total			62 - 63			61-62

BIOPHARMACEUTICAL INDUSTRY TRACK SAMPLE SCHEDULE

Year 1							
Fall semester			Credits	Spring Semester			Credits
BIO 111	General Biology I		4	BIO 121	General Biology II		4
CHE 111	General Chemistry I		4	CHE 121	General Chemistry II		4
HUM 115	Voice and Identity		3	HUM 1XX or 2XX	Humanities: Methods and Approaches Selective		3
COM 115	Principles of Communication		3	MAT 121	Calculus I		4
					Elective 1		3
	Total		14		Total		18

Year 2							
Fall semester			Credits	Spring Semester			Credits
CHE 211	Organic Chemistry I		4	CHE 212	Organic Chemistry II		4
PHY 212	College Physics I		4	PHY 222	College Physics II		4
HUM 2XX	Science and Health through the Humanities Lenses Selective		3	MAT 145	Elementary Statistics		3
BIO 210	Microbiology		4	BIO 235	Cell Biology		3
	Elective 2		3		Elective 3		3
	Total		18		Total		17

Year 3						
Fall semester			Credits	Spring Semester		Credits
CHE 311	Biochemistry		3	BIO 340	Microbial Genetics	3
PSC 315	Immunology		3	BIO 348	Microbial Fermentation	3
BIO 410	Biopharmaceutical Microbiology		3		Track Elective I (Regulatory science)	3
BIO 350	Biomedical Lab Techniques I		3		Elective 5	3
	Elective 4		3		Elective 6	3
	Total		15		Total	15

Year 4						
Fall semester			Credits	Spring Semester		Credits
BIO 480	Micro. Capstone Experience I	3			INDUSTRY CO-OP	0
BIO 370	Microbial Physiology	3		BIO 485	Micro. Capstone Experience II	3
BIO 345	Journal Club	1		BIO 345	Journal Club	1
BIO 331	Mammalian Cell Culture	3			Elective 7	3
PSC 610	Technical Writing for Biopharmaceutical Industry	2		PSC 320	Downstream Processing of Biopharmaceutical Products	3
	Track Elective II (Biopharm Entrepreneurship)	3				
	Total	15			Total	10

***All students will register for BIO 380 Microbiology Seminar (0 credits) every semester.*

- *Courses met by the requirements of the AS degree are shaded.*
- *Transfer students should take Physics I and II the summer prior to entering ACPHS. Taking Voice and Identity and an elective in fall of third year puts transfer under this agreement on track for an on-time graduation.*
- *Students must have completed, or plan to complete, the AS degree by the start of the semester in which they enroll at ACPHS.*
- *Courses met by the requirements of the AS degree are shaded.*