

Bachelor of Applied Science, Health Professions, Pre-Pharmacy

The goal of academic advising is to further enhance the educational mission of the university, and create quality, accessible advising partnerships with all students in a positive environment that supports student success. This advising sheet is for tracking purposes toward degree completion and is subject to change. Students also may track their academic progress via STAR Degree Check through www.star.hawaii.edu. Academic Advising appointments may be scheduled by calling [808-689-2689](tel:808-689-2689) or toll-free from neighbor islands at [866-299-8656](tel:866-299-8656).

Graduation Requirements (see the 2023-24 catalog for any additional graduation requirements):

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|--|---|--|
| <input type="checkbox"/> 45 Upper Division Credits Minimum | <input type="checkbox"/> 3 Upper Division Writing Intensive Courses | <input type="checkbox"/> 2.0 UHWO GPA |
| <input type="checkbox"/> 120 Total Credits Minimum | <input type="checkbox"/> Focus Requirements (OC, HAP, ETH) | <input type="checkbox"/> 2.0 CONCENTRATION GPA |
| <input type="checkbox"/> 30 UHWO Credits | | |

*Note: Some courses may be applied more than once to fulfill General Education, Core, or Concentration Requirements. Double counted courses do not reduce the number of credits required for the concentration. Students are still responsible for meeting the minimum number of credits in the concentration and the overall total credits for graduation.

General Education Requirements: 31 credits (*15 credits see note above)

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) ENG 100 Composition I
0*	Foundations of Quantitative Reasoning (FQ) MATH 241 Calculus I (<i>Will Satisfy Lower Division Math Requirement below</i>)
6	Foundations Global and Multicultural Perspectives (FG): <i>Recommend HIST 156</i> 6 credits from two different groups (A, B, C): *Group A: Primarily before 1500 CE (e.g.; HIST 151 or ANTH 151) *Group B: Primarily after 1500 CE (e.g.; HIST 152 or ANTH 152) *Group C: Pre-history to present
6	Diversification Arts, Humanities & Literature (DA, DH, DL): 6 credits from two different areas
0*	Diversification Social Sciences (DS): 6 credits from two different areas PSY 100
0*	Diversification Social Sciences (DS): Different area from above. ECON 130
0*	Diversification Natural Sciences (DB, DP, DY): 3 credits from the biological sciences (DB): PHYL 141
0*	3 credits from the physical sciences (DP): CHEM 161
0*	1 credit of laboratory (DY): CHEM 161L

Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 220 with a "C-" or higher

Lower Division Math Requirement: 4 credits

Credits	Course Alpha / Number / Title
4	MATH 241 Calculus (<i>Will satisfy FQ requirement in General Education Section</i>)

BAS Core Requirements: 12 credits

Credits	Course Alpha / Number / Title
3	ICS 101 Digital Tools for the Information World
3	BIOL 310 Statistics for Biologists or HLTH 350 Biostatistics Prerequisite: Completion of MATH 135 or consent of instructor
3	BIOL 365 Research Methods in Biology Prerequisite: Completion of BIOL 171 with a C or better
3	Select one course from the following: PUBA 477 Ethics and Health Care Administration BIOL 405 Ethics for Biologists

Health Professions Foundation Requirements: 18 credits

Credits	Course Alpha / Number / Title
3	HLTH 117 Survey of Health Professions
3	HLTH 123 Introduction to Clinical Skills & Patient Care
3	HLTH 204 Introduction to Native Hawaiian & Indigenous Health & Healing
3	PSY 100 Survey of Psychology (<i>Will satisfy DS requirement in General Education Section</i>)
3	HLTH 395 Health and Wellness for Life
3	HLTH 488 Practicum in the Health Professions

Pre-Pharmacy Track Requirements: 42 credits

Credits	Course Alpha / Number / Title
3	ECON 130 Principles of Microeconomics (<i>Will satisfy DS requirement in General Education Section</i>)
4	BIOL 171/ 171L Introduction to Biology I and Lab Prerequisite: Completion of or concurrent enrollment in either CHEM 151 or 161
4	BIOL 172/ 172L Introduction to Biology II and Lab Prerequisite: Completion of BIOL 171/171L
4	CHEM 161/ 161 L General Chemistry I and Lab (<i>Will satisfy DP & DY requirement in General Education Section</i>) Prerequisite: Placement into ENG 100 or concurrent enrollment in ENG 100T and MATH 103 with a C or higher or concurrent enrollment in MATH 241
4	CHEM 162/ 162 L General Chemistry II and Lab Prerequisite: CHEM 161 with a C or higher
5	CHEM 272/ 272L Organic Chemistry I and Lab Prerequisite: Grade of "C" or better in CHEM 162
5	CHEM 273/ 273L Organic Chemistry II and Lab Prerequisite: Grade of "C" or better in CHEM 272
4	PHYL 141/ 141L Human Anatomy & Physiology I and Lab (<i>Will satisfy DB requirement in General Education Section</i>) Prerequisite: Completion of or concurrent enrollment in ENG 100
4	PHYL 142/ 142L Human Anatomy & Physiology II and Lab Prerequisite: Completion of PHYL 141 and 141L
5	MICR 130/140L General Microbiology and Lab

Pre-Pharmacy Elective Courses: 18 credits**Select 6 courses from the following:**

Check current catalog for pre-requisites. Recommended that you complete a course that is (WI) writing intensive. Courses with an (*) are highly recommended for graduate school. Please speak with a faculty advisor.

ANTH 425	Medical Anthropology	PHYS 151/L	College Physics & Lab I
BIOC 441	Basic Biochemistry*	PHYS 152/L	College Physics & Lab II
BIOL 275/L	Cell and Molecular Biology & Lab	PSY 371	Abnormal Psychology
BIOL 302	The One Health Approach to Infectious Disease	PSY 473	Psychology of Healing (xlst PUBA)
BIOL 375*/L*	Genetics and Lab	PUBA 302	Health Policy, Politics, and Law
BIOL 390	Communicating in Biological Sciences	PUBA 307	Community Health Analysis
HLTH 243	Pathophysiology and Pharmacology	PUBA 314	Community Epidemiology and Population Health
HLTH 360	Health Disparities and Pacific Peoples	PUBA 319	Survey of Long-Term Care
PHYL 301/L	Advanced Human Anatomy & Physiology I	PUBA 334	Intersection of Community & Global Health
PHYL 302/L	Advanced Human Anatomy & Physiology II	PUBA 338*	Cultural Competency in Health Care
PHYL 354/L	Exercise Physiology & Lab	PUBA 446	Contemporary Issues in Health Care
PHYL 401	Advanced Physiology*	SOC 354	Survey of Medical Sociology

Credits	Course Alpha / Number / Title
3	
3	
3	
3	
3	
3	

Capstone Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	APSC 486P Senior Project (WI)

Electives: 9 credits

See your College Success Advisor to confirm how many Electives are needed

Credits	Course Alpha / Number / Title
3	Upper Division Elective (300-400 level)
3	Upper Division Elective (300-400 level)
3	Upper Division Elective (300-400 level)

NOTES: Dr. Rebecca Romine (rromine@hawaii.edu) is the faculty contact for this program.