

# Bachelor of Applied Science, Health Professions, Pre-Medical

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](http://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 2024-25 catalog for any additional graduation requirements):

- |  |   |  |
|--|---|--|
| <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 (\*18 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 (Will Satisfy Lower Division Math Requirement below)
6	Foundations Global and Multicultural Perspectives (FG): 6 credits from two <b>different</b> 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 <b>PSY 100</b>
3	Diversification Social Sciences (DS): Different area from above.
0*	Diversification Natural Sciences (DB, DP, DY): 3 credits from the biological sciences (DB): <b>BIOL 171</b>
0*	3 credits from the physical sciences (DP): <b>CHEM 161</b>
0*	1 credit of laboratory (DY): <b>CHEM 161L</b>

## Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200, ENG 209, or ENG 220 with a "C-" or higher

## Lower Division Math Requirement: 4 credits

Credits	Course Alpha / Number / Title
4	MATH 241 Calculus (Will Satisfy general education FQ above)

## BAS Core Requirements: 12 credits

Credits	Course Alpha / Number / Title
3	ICS 101 Intro to Digital Tools for the Information World
3	BIOL 310 Statistics for Biologists or HLTH 460 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	<b>Select one course from the following:</b> 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 general ed DS above)</i>
3	HLTH 395 Health and Wellness for Life
3	HLTH 488 Practicum in Health Professions

**Pre-Medical Track Requirements: 46 credits**

Credits	Course Alpha / Number / Title
4	BIOL 171/ 171L Introduction to Biology I and Lab <i>(Will satisfy general ed DB above)</i> 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
5	BIOL 275/ 275L Cell and Molecular Biology and Lab Prerequisite: Completion of BIOL 171/ 171L with a C or higher and CHEM 272/272L
4	CHEM 161/ 161 L General Chemistry I and Lab <i>(Will satisfy general ed DP/DY above)</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	PHYS 151/ 151L College Physics I and Lab Prerequisite: Completion of MATH 140 with a C or better
4	PHYS 152/ 152 L College Physics II and Lab Prerequisite: Completion of PHYS 151/151L with a C or better
4	BIOC 441 Basic Biochemistry
3	PUBA 314 Community Epidemiology & Population Health

**Pre-Medical 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.

\*May only use one lower division Math course towards Elective Requirement.

ANTH 384/L	Human Skeletal Biology & Lab (x1st BIOL)	PUBA 334	Intersection of Community & Global Health
ANTH 425*	Medical Anthropology*	PUBA 338*	Cultural Competency in Health Care*
BIOL 302	The One Health Approach to Infectious Disease	PUBA 354	Program Planning & Evaluation in Health
BIOL 375*/L*	Genetics and Lab*	PUBA 446	Contemporary Issues in Health Care
BIOL 390	Communicating in Biological Sciences	SOC 354	Survey of Medical Sociology
HLTH 353	Structural Kinesiology	SOC 355*	Death, Dying and Bereavement*
HPST 328	Culture and Environment	SOC 479	ASCP Research in Health
PHYL 354/L*	Exercise Physiology & Lab*	SCFS 340	Food Sovereignty and Nutrition
PSY 371	Abnormal Psychology		
PSY 473*	Psychology of Healing* (x1st PUBA)		
PUBA 319	Survey of Long-Term Care		

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: 2 credits

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

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

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

- Students who choose the pre-medical specialization have the opportunity to utilize the practicum course to obtain a portion of the clinical hours (with direct patient care) required to apply for Medical school. The practicum may also give pre-medical students an opportunity to demonstrate service to the community.