

# 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 or toll-free from neighbor islands at 866-299-8656.

## Graduation Requirements (see the 2019-2020 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                   |   |  |

## General Education Requirements: 31 credits

Credits	Course Alpha / Number / Title
3	Foundations Written Communications (FW) ENG 100 Composition I
3	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): 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
3	Diversification Social Sciences (DS): 6 credits from two different areas <i>Recommend PSY 100</i>
3	Diversification Social Sciences (DS): Different area from above.
3	Diversification Natural Sciences (DB, DP, DY): 3 credits from the biological sciences (DB): <i>Recommend BIOL 171</i>
3	3 credits from the physical sciences (DP): <i>Recommend CHEM 161</i>
1	1 credit of laboratory (DY): <i>Recommend CHEM 161L</i>

## Writing Skills Requirement: 3 credits

Credits	Course Alpha / Number / Title
3	ENG 200 Composition II or ENG 209 Business Writing (or equivalent) with a "C-" or higher

## Lower Division Math Requirement: 1- 4 credits

Credits	Course Alpha / Number / Title
1-4	MATH 241 Calculus ( <i>Will Satisfy general education FQ above</i> )

## BAS Core Requirements: 12 credits

Credits	Course Alpha / Number / Title
3	ICS 101 Intro to Digital Tools for the Information World
3	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	<b>Select one course from the following:</b> PUBA 477 Ethics and Health Care Administration BIOL 405 Ethics for Biologists

**Health Professions Foundation Requirements: 15-18 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
0-3	PSY 100 Survey of Psychology <i>(may also satisfy general ed DS above)</i>
3	HLTH 243 Human Pathophysiology & Pharmacology
3	HLTH 395 Health and Wellness for Life

**Pre-Medical Track Requirements: 36-43 credits**

Credits	Course Alpha / Number / Title
1-4	BIOL 171/ 171L Introduction to Biology I and Lab <i>(may also 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
4	BIOL 275/ 275L Cell and Molecular Biology and Lab Prerequisite: Completion of BIOL 171/ 171L with a C or higher and CHEM 272/272L
0-4	CHEM 161/ 161 L General Chemistry I and Lab <i>(may also 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
4	CHEM 272/ 272L Organic Chemistry I and Lab Prerequisite: Grade of "C" or better in CHEM 162
4	CHEM 273/ 273L Organic Chemistry II and Lab Prerequisite: Grade of "C" or better in CHEM 272
0	MATH 241 Calculus I Prerequisite: Grade of "C" or better in MATH 140 or equivalent; or placement into MATH 241
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 441/441L Biochemistry and Lab
3	PUBA 331 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.

ANTH 425*	Medical Anthropology*	PUBA 319	Survey of Long-Term Care
BIOL 302	The One Health Approach to Infectious Disease	PUBA 334	Intersection of Community & Global Health
BIOL 375*/L*	Genetics and Lab*	PUBA 338*	Cultural Competency in Health Care*
BIOL 384/L	Human Skeletal Biology & Lab	PUBA 354	Program Planning & Evaluation in Health
BIOL 390	Writing & Communicating for Life Sciences	PUBA 446	Contemporary Issues in Health Care
HLTH 353	Structural Kinesiology (in development)	SOC 354	Survey of Medical Sociology
HPST 328	Culture and Environment	SOC 355*	Death, Dying and Bereavement*
MICR 351/L*	Biology of Microorganisms & Lab*	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)		

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

### Capstone Requirement: 6 credits

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.

Credits	Course Alpha / Number / Title
3	APSC 486P Senior Project (WI)
3	APSC 490P Senior Practicum

### Electives: 2 credits

See Student Services Academic Advisor to confirm how many Upper Division and lower division Electives needed

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

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