

# 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 2023-24 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)<br>ENG 100 Composition I  |
| 0*      | Foundations of Quantitative Reasoning (FQ)<br>MATH 241 Calculus I ( <i>Will Satisfy Lower Division Math Requirement below</i> )   |
| 6       | Foundations Global and Multicultural Perspectives (FG):<br>6 credits from two <b>different</b> groups (A, B, C):<br>*Group A: Primarily before 1500 CE (e.g., HIST 151 or ANTH 151)<br>*Group B: Primarily after 1500 CE (e.g., HIST 152 or ANTH 152)<br>*Group C: Pre-history to present |
| 6       | Diversification Arts, Humanities & Literature (DA, DH, DL):<br>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):<br>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 ( <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       | BIOL 310 Statistics for Biologists or HLTH 350 Biostatistics<br>Prerequisite: Completion of MATH 135 or consent of instructor    |
| 3       | BIOL 365 Research Methods in Biology<br>Prerequisite: Completion of BIOL 171 with a C or better                                  |
| 3       | <b>Select one course from the following:</b><br>PUBA 477 Ethics and Health Care Administration<br>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><br>Prerequisite: Completion of or concurrent enrollment in either CHEM 151 or 161   |
| 4       | BIOL 172/ 172L Introduction to Biology II and Lab<br>Prerequisite: Completion of BIOL 171/171L   |
| 5       | BIOL 275/ 275L Cell and Molecular Biology and Lab<br>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><br>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<br>Prerequisite: CHEM 161 with a C or higher  |
| 5       | CHEM 272/ 272L Organic Chemistry I and Lab<br>Prerequisite: Grade of "C" or better in CHEM 162   |
| 5       | CHEM 273/ 273L Organic Chemistry II and Lab<br>Prerequisite: Grade of "C" or better in CHEM 272  |
| 4       | PHYS 151/ 151L College Physics I and Lab<br>Prerequisite: Completion of MATH 140 with a C or better  |
| 4       | PHYS 152/ 152 L College Physics II and Lab<br>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.