

## BACHELOR OF SCIENCE (BS) 2005 - 2006 ARTS & SCIENCES PROGRAM REQUIREMENTS

Name: \_\_\_\_\_ Major: \_\_\_\_\_

*The faculty specifically designed these program requirements to give you an educational experience that will be foundational to any career you may choose and to your becoming a lifelong learner.*

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Guidelines:

- Understand the rationale for each requirement: Why are you studying this? Have the courses you've taken supported the rationale? Why/why not?*
- Research the courses: What are possible sources of information (Catalog? Web? Instructor? Department? Other students?), and their strengths and weaknesses?*
- Test yourself on the FAQs (see page 5): What information/resources are most critical to you now? What about later? Why?*
- Explore different majors and/or connect with your major department\*: What are the decision-making strategies you can use in deciding on a major? What can your major department offer you besides a list of major requirements?*

**\*Note: Major requirements are not included in this brochure. See your (intended) major department for a list of requirements and schedule a meeting with a department advisor (phone numbers and websites below).**

**Please keep this copy in your advising file and bring your advising file with you whenever you have an appointment with an advisor.**

### ARTS & SCIENCES MAJOR DEPARTMENTS THAT OFFER A BACHELOR OF SCIENCE DEGREE

Biology ([www.hawaii.edu/biology](http://www.hawaii.edu/biology))  
(DEAN 2) ..... 956-8303

Botany ([www.botany.hawaii.edu](http://www.botany.hawaii.edu))  
(ST JHN 101) ..... 956-8369

Chemistry ([www.chem.hawaii.edu](http://www.chem.hawaii.edu))  
(BIL 239) ..... 956-7480

Computer Science ([www.ics.hawaii.edu](http://www.ics.hawaii.edu))  
(POST 317) ..... 956-7420

Mathematics ([www.math.hawaii.edu](http://www.math.hawaii.edu))  
(KELL 401A) ..... 945-4680

Microbiology ([www.hawaii.edu/microbiology](http://www.hawaii.edu/microbiology))  
(SNY 207) ..... 956-8553

Physics ([www.phys.hawaii.edu](http://www.phys.hawaii.edu))  
(WAT 416) ..... 956-7087

Zoology ([www.hawaii.edu/zoology](http://www.hawaii.edu/zoology))  
(EDM 152) ..... 956-8617

## » Arts and Sciences Graduation Requirements

Rationale:

...ensure educational breadth and rigor...participate in wide ranging discourses...acquire critical skills through a variety of courses...increase understanding of other people and the structure of language...

### CREDITS

A minimum of 124 applicable college-level credits of which at least:

- 104 credits are from Arts & Sciences courses
- 60 credits are from non-introductory courses, which are courses that are:
  - a) 300-level or higher, or
  - b) 200-level with an explicitly stated course prerequisite, as indicated in the UHM Catalog. This course prerequisite must be at the college-level (i.e., 100-level and above).

*NOTE: English literature courses numbered 250 through 257 are an exception. While these courses have a course prerequisite, they are considered INTRODUCTORY courses and DO NOT fulfill this non-introductory credit requirement.*

- 30 credits are earned at UH Manoa

### GRADES

Cumulative: Minimum 2.0 grade point average (GPA).

Arts & Sciences Graduation and Program Requirements: "D" grade (not D-) or higher required to fulfill Arts & Sciences Graduation and Program Requirements.

Major: "C" grade (not C-) or higher in each course fulfilling a Major requirement and/or a minimum Major GPA as required by the Major department (see your Major department)

Credit/No Credit: Credit/No Credit option is limited to elective courses only.

Minor/Certificate: "C" grade (not C-) or higher in each course fulfilling a Minor/Certificate requirement.

### FOCUS

Can be satisfied through Major and Diversification courses, but not through Foundation courses. Check the Schedule of Courses each semester for Focus-designated courses.†

- |   |   |
|---|---|
| • Hawaiian, Asian and Pacific Issues (H): | <u>One</u> course   |
| • Contemporary Ethical Issues (E):        | <u>One</u> course   |
| • Oral Communication (O):                 | <u>One</u> course   |
| • Writing Intensive (W):                  | <u>Two to five</u> courses, of which at least <u>two</u> must be <u>300-level</u> or higher** |

†DETERMINING YOUR "H", "E", "O", and "W" COURSE REQUIREMENT

| <b>NON-UH SYSTEM TRANSFER STUDENT</b>                 |   |     |        |     | <b>UH SYSTEM TRANSFER STUDENT</b>                     |   |     |        |     |
|---|---|-----|--------|-----|---|---|-----|--------|-----|
| Number of accepted credit hours upon transfer to UHM: |   |     |        |     | Number of accepted credit hours upon transfer to UHM: |   |     |        |     |
|   | H | E   | O      | W   |   | H | E   | O      | W   |
| 0 - 36  | 1 | 1   | 1      | 5** | 0 - 54  | 1 | 1   | 1      | 5** |
| 37 - 54   | 1 | 1   | 1      | 4** | 55 - 88   | 1 | 1-E | or 1-O | 5** |
| 55 - 88   | 1 | 1-E | or 1-O | 3** | 89+   | 1 | 0   | 0      | 5** |
| 89+   | 1 | 0   | 0      | 2** |   |   |     |        |     |

### HAWAIIAN/SECOND LANGUAGE

Hawaiian or second language through the intermediate level (202 or equivalent)

## DO YOU MEET THE ARTS & SCIENCES GRADUATION REQUIREMENTS?

### CREDITS

Minimum Applicable **124**  
of which:

Arts & Sciences **104**

Non-introductory **60**

UHM **30**

### GRADES

Cumulative Minimum **2.0**

**Major**: See your department advisor.

### FOCUS

Writing Intensive (W)

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_\*

5 \_\_\_\_\_\*

\* upper division (300 or 400 level)

Hawaiian, Asian and Pacific Issues (H)

\_\_\_\_\_

Contemporary Ethical Issues (E)

\_\_\_\_\_

Oral Communication (O)

\_\_\_\_\_

**HAWAIIAN/SECOND LANGUAGE** through intermediate level (202 or equivalent)

\_\_\_\_\_

## » Arts and Sciences Foundations Requirements

Rationale:

*...develop skills and perspectives fundamental to higher education...meet the demands of college writing...be aware of the beauty and power of formal systems of reasoning...understand the thematic treatments of global processes and cross cultural interaction...*

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**Written Communication (FW):** One course (as designated by your writing placement exam results)

English (ENG) 100, 100A, 101-101L , or English Language Institute (ELI) 100

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**Symbolic Reasoning (FS):** Two courses (Calculus I & II)

Approval or Prerequisites needed: Mathematics (MATH) 215, or 241, or 251A **and** 216, or 242, or 252A

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**Global & Multicultural Perspectives (FG):** To satisfy this requirement students must take a total of two courses; each course must come from a different group.

Example: History 151 is from Group A and Anthropology 152 is from Group B.

**Group A:** ..... Anthropology (ANTH) 151; Art (ART) 175; History (HIST) 151, 161A

**Group B:** ..... American Studies (AMST) 150; Anthropology (ANTH) 152; Art (ART) 176; Geography (GEOG) 102; History (HIST) 152, 155, 162A

**Group C:** ..... Geography (GEOG) 151, 151A; Languages, Linguistics, & Literature (LLL) 150; Music (MUS) 107; Religion (REL) 150, 150A

Note: Foundations Global and Multicultural Perspectives (FG) courses must be from different departments than the courses used to satisfy the Diversification requirement.

### DO YOU MEET THE ARTS & SCIENCES FOUNDATIONS REQUIREMENTS? \*\*

Written Communication (FW) \_\_\_\_\_

Symbolic Reasoning (FS) \_\_\_\_\_

Global & Multicultural Perspectives (FG): Two courses, each from a different group.\*\*

Group A

Group B

Group C

Group A

Group B

Group C

\*\*Note: Foundations Global and Multicultural Perspectives (FG) courses must be from different departments than the courses used to satisfy the Diversification requirement.

## » Arts and Sciences Diversification Requirements

### Rationale:

...understand the inherited values, ideas, and philosophies of cultures expressed in works of literature, history, philosophy, religion, art, and music...develop a basic understanding of the fields of natural and social sciences...

See Catalog and Schedule of Courses for courses that will fulfill the Diversification requirements. Diversification requirements are noted in bold at the end of individual course descriptions.

**Diversification courses must come from different departments than the courses used to satisfy the Foundations Global & Multicultural Perspectives (FG) requirement. (For example, if HIST 151 is used for Global Multicultural Perspectives (FG), then courses from the History Department cannot be used to satisfy a Diversification requirement.)**

### ARTS AND HUMANITIES

Two semester courses, each selected from a different group: Arts **(DA)**, Humanities **(DH)**, Literature **(DL)**.

### NATURAL SCIENCES

**Biological Sciences (DB):** One semester course.

**Physical Sciences (DP):** A series in both Chemistry and Physics, including labs **(DY)**.

Chemistry (CHEM): ..... 161-161L **and** 162-162L or 171-171L or 181A-181L

Physics (PHYS): ..... 151-151L **and** 152-152L or 170-170L & 272-272L

### SOCIAL SCIENCES

Two semester courses **(DS)**, each from a different department.

## » Wild Card Option

Through engagement in an **extraordinary** educational experience **approved by** the UHM General Education Committee, each student may earn one wild card. The wild card may be used to satisfy an appropriate Diversification or Focus requirement. **See the UHM General Education website at [www.hawaii.edu/gened](http://www.hawaii.edu/gened) for further information.**

## DO YOU MEET THE ARTS & SCIENCES DIVERSIFICATION REQUIREMENTS? \*\*

### Arts & Humanities:

Two semester courses, each selected from a different group: The Arts **(DA)**, Humanities **(DH)** or Literature & Language **(DL)**

DA       DH       DL  \_\_\_\_\_

DA       DH       DL  \_\_\_\_\_

### Natural Sciences:

Biological Sciences **(DB)** \_\_\_\_\_

Physical Sciences **(DP)** & Labs **(DY)**  
Chemistry Series \_\_\_\_\_

Lab \_\_\_\_\_

Lab \_\_\_\_\_

Physics Series \_\_\_\_\_

Lab \_\_\_\_\_

Lab \_\_\_\_\_

### Social Sciences: **(DS)**

Two semester courses, each from a different department

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\*\*Note: Diversification courses must be from different departments than the courses used to satisfy the Foundations Global and Multicultural Perspectives (FG) requirement.

## **Frequently Asked Questions about an A&S Degree Program**

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### **1. Do I have to change my program requirements each year?**

No. While the program requirements may change from year to year, you follow the program requirements that were in effect during the academic year you entered the UH system (e.g., UH-Manoa, UHM Outreach College, UH community colleges, UH Hilo, UH West Oahu). If you break from the UH system for a year or more and then return, then the re-entry academic year is your program requirement year and you will need to follow the requirements for that year. To confirm your program requirements for graduation, see an advisor.

### **2. How can I make sure that I'm making satisfactory progress in getting my degree?**

While you are ultimately responsible for your degree program, you can obtain help from A&S Student Academic Services and your major department at each stage of your college career by doing the following:

#### Transfer Students/Freshmen:

First Year Advising Center (FYAC) in QLCSS101 ([www.advising.hawaii.edu/artsci/fyac](http://www.advising.hawaii.edu/artsci/fyac)) or call 956-7273. Also contact the New Student Orientation Office at 956-3667 or 1-888-700-5420 ([www.hawaii.edu/nso](http://www.hawaii.edu/nso)) to sign up for orientation.

#### Sophomores:

Explore potential majors. Visit the departments and websites for more information.

#### Juniors:

Upon deciding on an Arts & Sciences major, sign up for a Junior Matriculation and Planning (JUMP) session at Hawai'i Hall 108 or call 956-8755.

#### Seniors:

The semester prior to your expected graduation, complete the Certification of Fulfillment of Major form (the 'Goldenrod' form) with your Major advisor, and then sign up for a Graduation Audit (GRAD) session when you return the form to Hawai'i Hall 108 (or call 956-8755). If you are doing a Minor/Certificate, your Minor/Certificate forms must be received at Hawai'i Hall 108 prior to your GRAD session.

#### Pre-professional (e.g., pre-med, pre-health, pre-law):

Visit the Professions Advising Center (PAC) at Hawai'i Hall 102 or call 956-4045.  
[www.advising.hawaii.edu/artsci/pac](http://www.advising.hawaii.edu/artsci/pac)

#### Probation/Suspension:

Visit the Success website, [www.advising.hawaii.edu/artsci/success](http://www.advising.hawaii.edu/artsci/success)

*For individual appointments with an A&S academic advisor, sign up at Hawai'i Hall 108 or call 956-8755.*

### 3. How can I make my UH Manoa experience even better?

You are encouraged to use these resources:

#### ***Essentials:***

Admissions (956-8975) [www.hawaii.edu/admrec](http://www.hawaii.edu/admrec)  
UH General Information Catalog [www.catalog.hawaii.edu](http://www.catalog.hawaii.edu)  
Financial Aid Services (956-7251) [www.hawaii.edu/fas](http://www.hawaii.edu/fas)  
Student Housing Services (956-8177) [www.housing.hawaii.edu](http://www.housing.hawaii.edu)  
International Student Services (956-8354) [www.hawaii.edu/issmanoa](http://www.hawaii.edu/issmanoa)  
Manoa Writing Program (956-6660) [www.mwp.hawaii.edu](http://www.mwp.hawaii.edu)  
Student Employment (956-7007) [www.sece.hawaii.edu](http://www.sece.hawaii.edu)  
Health Services Manoa (956-8965) [www.hawaii.edu/shs](http://www.hawaii.edu/shs)  
Office of the Vice Chancellor for Academic Affairs  
[www.hawaii.edu/ovcaa/academics/articulation.htm](http://www.hawaii.edu/ovcaa/academics/articulation.htm)

#### ***Careers/Counseling/Study Strategies:***

Career Services (956-8136) [www.hawaii.edu/career](http://www.hawaii.edu/career)  
Counseling and Student Development Center (956-7927) [www.hawaii.edu/csdc](http://www.hawaii.edu/csdc)  
Learning Assistance Center (956-6114)

#### ***Enhancements:***

Access to College Excellence (956-8626) [www.advising.hawaii.edu/artsci/ace](http://www.advising.hawaii.edu/artsci/ace)  
Co-Curricular Activities, Programs, and Services (956-8178)  
First Year at Manoa (956-8626) [www.advising.hawaii.edu/artsci/fym](http://www.advising.hawaii.edu/artsci/fym)  
Honors Program (956-8391) [www.honors.hawaii.edu](http://www.honors.hawaii.edu)  
National Student Exchange (956-7891), QLCSS 206  
Service Learning (956-4641) [www.hawaii.edu/osa/servicelearn](http://www.hawaii.edu/osa/servicelearn)  
Study Abroad (956-5143) [www.studyabroad.hawaii.edu](http://www.studyabroad.hawaii.edu)

# Arts and Sciences Worksheet Summary

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### CREDITS

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Arts & Sciences **104**

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\* upper division (300 or 400 level)

**Major:** See your department advisor.

**HAWAIIAN/SECOND LANGUAGE** through intermediate level (202 or equivalent)

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Symbolic Reasoning (FS) \_\_\_\_\_

Global & Multicultural Perspectives (FG): Two courses, each from a different group.\*\*

Group A

Group B

Group C

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Group A

Group B

Group C

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DA       DH       DL  \_\_\_\_\_

### Natural Sciences:

Biological Sciences (DB) \_\_\_\_\_

Physical Sciences (DP) & Labs (DY)  
Chemistry Series

\_\_\_\_\_ Lab \_\_\_\_\_

\_\_\_\_\_ Lab \_\_\_\_\_

Physics Series \_\_\_\_\_ Lab \_\_\_\_\_

\_\_\_\_\_ Lab \_\_\_\_\_

### Social Sciences: (DS)

Two semester courses, each from a different department \_\_\_\_\_

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