

# BACHELOR OF SCIENCE (BS)

## 2004 - 2005 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.*

**Guidelines:**

*Understand the rationale for each requirement:* Why are you studying this? Have the courses you've taken supported the rationale? Why/why not?

*Test yourself on the FAQs* (see last page): What information/resources are most critical to you now? What about later? Why?

*Research the courses:* What are possible sources of information (Catalog? Web? Instructor? Department? Other students?), and their strengths and weaknesses?

*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 on last page).**

### » Arts & Sciences Graduation Requirements

*...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).

*General Education Core and Education Requirements:* "D" grade (not D-) or higher required to fulfill General Education Core and graduation 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)

*Breadth Requirement:* "D" (not D-) grade or higher in each course fulfilling a Breadth requirement.

*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): One course
- Contemporary Ethical Issues (E): One course
- Oral Communication (O): One course
- Writing Intensive (W): Two to five courses, of which at least two must be 300-level or higher\*\*

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

NON-UH SYSTEM TRANSFER STUDENT					UH SYSTEM TRANSFER STUDENT				
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			5**
89+	1			2**					

**HAWAIIAN/SECOND LANGUAGE (H/SL)**

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

## » Arts & Sciences Foundations Requirements

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*...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/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 two courses, each from a different group.

**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

## » Arts & Sciences Diversification Requirements

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*...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 2004-2005 Catalog 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 GMP (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 & 162-162L or 171-171L or 181A-181L

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

### **SOCIAL SCIENCES**

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

## » Wild Card Option

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Through engagement in an extraordinary educational experience approved by the UHM General Education Committee, each student can earn one wild card. The wild card can 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 requirements?

## GRADUATION REQUIREMENTS

### CREDITS

Minimum Applicable of which: **124**

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)

1 \_\_\_\_\_

Contemporary Ethical Issues (E)

1 \_\_\_\_\_

Oral Communication (O)

1 \_\_\_\_\_

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

\_\_\_\_\_

## FOUNDATIONS REQUIREMENTS\*\*

Written Communication (FW)

1. \_\_\_\_\_

Symbolic Reasoning (FS)

1. \_\_\_\_\_

2. \_\_\_\_\_

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

Group A

Group B

Group C

1. \_\_\_\_\_

Group A

Group B

Group C

2. \_\_\_\_\_

## 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

1. \_\_\_\_\_

DA

DH

DL

2. \_\_\_\_\_

### Natural Sciences:

Biological Sciences (DB) ..... 1. \_\_\_\_\_

Physical Sciences (DP) & Labs (DY)

Chemistry Series ..... 1. \_\_\_\_\_

Lab \_\_\_\_\_

2. \_\_\_\_\_

Lab \_\_\_\_\_

Physics Series ..... 1. \_\_\_\_\_

Lab \_\_\_\_\_

2. \_\_\_\_\_

Lab \_\_\_\_\_

### Social Sciences: (DS)

Two semester courses, each from a different department

1. \_\_\_\_\_

2. \_\_\_\_\_

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

# Frequently Asked Questions about an A&S Degree Program

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## 1. How do I complete a baccalaureate degree in the Colleges of Arts and Sciences (A&S)?

Fulfill all of the A&S Graduation, Foundations, Diversification and A&S College requirements found in this brochure and the requirements for your major and then you're done! Contact the A&S major departments (listed below) to obtain your major requirements. Read the A&S section of this academic year's UHM General Information Catalog (Website: <http://www.catalog.hawaii.edu>) for more information on your degree program.

## 2. I am at another campus and want to transfer to your program -- what's involved?

If you have earned *less than 24 transferrable credits* (freshmen), the requirements include a minimum SAT score of 510 Verbal and 510 Math, a high school GPA of 2.8, graduation in the top 40% of the graduating class, and a positive recommendation. If you have earned *24 transferrable credits or more*, the requirement is a 2.0 GPA for residents or 2.5 GPA for non-residents. For UH system prospective transfer students, check with your campus counselor on the transfer process to UHM or contact Arts & Sciences Student Academic Services (956-8755). To estimate course equivalencies, visit the Admissions & Records website at [www.hawaii.edu/admrec](http://www.hawaii.edu/admrec) and click on "transfer credit search" or visit the Office of the Vice Chancellor for Academic Affairs website at [www.hawaii.edu/ovcaal/academics/articulation.htm](http://www.hawaii.edu/ovcaal/academics/articulation.htm).

For prospective transfer students from outside of the UH system who wish to estimate course equivalencies, visit the Admissions & Records website at [www.hawaii.edu/admrec](http://www.hawaii.edu/admrec) and click on "transfer credit search" to see past evaluations of courses from your college. These website evaluations of equivalencies are subject to change. (A&R 956-8975)

For transfer students accepted at UHM, see your transfer evaluation from A&R for equivalent courses and accepted credits. All transfer students should check with specific A&S departments (see list below) for major requirements.

## 3. 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). 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.

## 4. 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:* ..... Visit the First Year Center (FYC) in QLC 101 ([www.advising.hawaii.edu/artsci/fyc](http://www.advising.hawaii.edu/artsci/fyc)) or call 956-7273. Incoming students can 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:* ..... By the appropriate deadline, declare your major or apply for transfer to the UHM college where you intend to earn your degree. Visit your major department advisor.
  - Juniors:* ..... To make sure you're on the right track after declaring an Art & 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 by the CASSAS department prior to your GRAD session.
  - Pre-professional:* ..... Pre-Professional students (e.g., pre-med, 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:* ..... Students placed on probation or are returning from suspension must sign up for a Success Workshop at Hawai'i Hall 108 or call 956-8755. ([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.*

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

You are encouraged to use these resources:

- Careers/Counseling/Study Strategies:* .... Career Services (956-8136), Counseling and Student Development Center (956-7927), Learning Assistance Center (956-6114)
- Enhancements:* ..... Co-Curricular Activities, Programs, and Services (956-8178), First Year at Manoa Learning Communities (956-8626), Honors Program (956-8391), National Student Exchange (956-7891), Service Learning (956-4641), Study Abroad (956-5143)
- Basics:* ..... Admissions (956-8975), Financial Aid Services (956-7251), Housing (956-8177), International Student Services (956-8354), Manoa Writing Program (956-6660), Student Employment (956-7007), and Student Health Services (956-8965).

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

Biology (DEAN 2) .....	956-8303	Mathematics (KELL 401A) .....	956-4680/8792
Botany (ST JHN 101) .....	956-8369	Microbiology (SNY 207) .....	956-8553
Chemistry (BIL 239) .....	956-7480	Physics (WAT 416) .....	956-7087
Computer Science (POST 317) .....	956-7420	Zoology (EDM 152) .....	956-8617/7315

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