

Departments Offering Diversification Courses

(#) Total number of courses the department offers in this category.

* Departments offering introductory level course(s) in this category.

Arts - DA	Humanities - DH	Literatures - DL	Social Sciences - DS
Academy for Creative Media (ACM) (1) p. 373 Architecture (ARCH) (6) p. 382 Art & Art History (ART) (68)* p. 384 Asian Studies (ASAN) (1) p. 387 Communication (COM) (1) p. 403 Communicology (COMG) (2)* p. 405 Dance (DNCE) (64)* p. 408 English (ENG) (6) p. 420 Fashion Design & Merchandising (FDM) (3) p. 425 Food Science & Human Nutrition (FSHN) (1) p. 427 Hawaiian (HAW) (1) p. 435 Hawaiian Studies (HWST) (1) p. 436 Honors (HON) (4) p. 442 Kinesiology & Rehabilitation Science (KRS) (5)* p. 453 Music (MUS) (20)* p. 476 Sustainability (SUST) (1) p. 514 Theatre (THEA) (55)* p. 516 Tropical Plant and Soil Sciences (TPSS) (2) p. 522	Academy for Creative Media (ACM) (2) p. 373 American Studies (AMST) (53)* p. 375 Anthropology (ANTH) (16)* p. 379 Architecture (ARCH) (6)* p. 382 Art & Art History (ART) (35)* p. 384 Asian Studies (ASAN) (23)* p. 387 Chinese (CHN) (5) p. 400 Dance (DNCE) (3) p. 408 East Asian Languages & Literatures (EALL) (5)* p. 412 Economics (ECON) (1) p. 412 English (ENG) (5) p. 420 Ethnic Studies (ES) (12) p. 423 Filipino (FIL) (2) p. 425 French (FR) (4) p. 428 Geography (GEOG) (1) p. 429 German (GER) (5) p. 434 Hawaiian (HAW) (9) p. 435 Hawaiian Studies (HWST) (5)* p. 436 History (HIST) (145)* p. 438 Honors (HON) (9) p. 442 Ilokano (ILO) (1) p. 444 Indo-Pacific Languages (IP) (6) p. 444 Indonesian (IND) (2) p. 445 Interdisciplinary Studies (IS) (1) p. 450 Japanese (JPN) (3) p. 451 Korean (KOR) (1) p. 457 Languages & Literatures of Europe & the Americas (LLEA) (15)* p. 458 Latin American & Iberian Studies (LAIS) (4) p. 460 Linguistics (LING) (6)* p. 466 Management (MGT) (1) p. 466 Music (MUS) (10)* p. 476 Pacific Islands Studies (PACS) (2) p. 488 Peace Studies (PACE) (8)* p. 489 Philosophy (PHIL) (37)* p. 490 Political Science (POLS) (3) p. 494 Religion (REL) (38)* p. 503 Second Language Studies (SLS) (1) p. 505 Spanish (SPAN) (5) p. 510 Thai (THAI) (2) p. 516 Theatre (THEA) (9)* p. 516 Tropical Plant & Soil Sciences (TPSS) (1) p. 522 Women's Studies (WS) (13) p. 526	American Studies (AMST) (3) p. 375 Asian Studies (ASAN) (3) p. 387 Chinese (CHN) (1) p. 396 East Asian Languages & Literatures (EALL) (15)* p. 412 English (ENG) (65)* p. 420 Ethnic Studies (ES) (2) p. 423 Filipino (FIL) (3) p. 425 French (FR) (11) p. 428 German (GER) (8) p. 434 Greek (GRK) (5) p. 435 Hawaiian (HAW) (3)* p. 435 Hawaiian Studies (HWST) (3) p. 432 Honors (HON) (5) p. 442 Indo-Pacific Languages (IP) (12) p. 444 Indonesian (IND) (1) p. 445 Institute for Teacher Education (ITE) (1) p. 448 Japanese (JPN) (3) p. 457 Korean (KOR) (2) p. 457 Languages & Literatures of Europe & the Americas (LLEA) (20)* p. 458 Latin (LATN) (7) p. 460 Latin American & Iberian Studies (LAIS) (6) p. 460 Maori (MAO) (2) p. 467 Pacific Islands Studies (PACS) (2) p. 488 Philosophy (PHIL) (1) p. 490 Russian (RUS) (7) p. 504 Samoan (SAM) (3)* p. 505 Spanish (SPAN) (11) p. 510 Thai (THAI) (2) p. 516 Theatre (THEA) (5) p. 516 Vietnamese (VIET) (1) p. 525 Women's Studies (WS) (7) p. 526	American Studies (AMST) (12)* p. 375 Anthropology (ANTH) (44)* p. 379 Architecture (ARCH) (4)* p. 382 Asian Studies (ASAN) (13) p. 387 Botany (BOT) (2)* p. 394 Business (BUS) (1) p. 396 Communication (COM) (11)* p. 403 Communicology (COMG) (25) p. 405 Curriculum Studies (EDCS) (1) p. 407 Economics (ECON) (43)* p. 412 Ed. Foundations (EDEF) (6) p. 415 Ed. Psychology (EDEP) (4) p. 416 Ethnic Studies (ES) (25)* p. 423 Fashion Design & Merchandising (FDM) (1)* p. 425 Geography (GEOG) (32) p. 429 Global Health Protection & Security (GHPS) (5) p. 434 Honors (HON) (16) p. 442 Human Development and Family Studies (HDFS) (10)* p. 443 Human Resources Management (HRM) (1) p. 443 Indo-Pacific Languages (IP) (1) p. 444 Institute for Teacher Education (ITE) (1) p. 448 Interdisciplinary Studies (IS) (3) p. 450 Journalism (JOUR) (4)* p. 452 Kinesiology & Rehabilitation Sciences (KRS) (1) p. 453 Latin American & Iberian Studies (LAIS) (1) p. 460 Linguistics (LING) (12)* p. 466 Management (MGT) (1) p. 467 Marketing (MKT) (2) p. 468 Microbiology (MICR) (1) p. 474 Molecular Cell Biology (MCB) (1) p. 476 Natural Resources & Environmental Mgmt. (NREM) (6)* p. 479 Pacific Islands Studies (PACS) (7) p. 488 Peace Studies (PACE) (14)* p. 489 Political Science (POLS) (62)* p. 494 Psychology (PSY) (34)* p. 497 Public Health (PH) (1) p. 500 Religion (REL) (3) p. 503 Second Language Studies (SLS) (4) p. 505 Social Sciences (SOCS) (2) p. 506 Social Work (SW) (7) p. 506 Sociology (SOC) (58)* p. 508 Special Education (SPED) (2) p. 511 Sustainability (SUST) (18) p. 514 Travel Industry Mgmt. (TIM) (4) p. 519 Tropical Plant & Soil Sciences (TPSS) (4) p. 522 Urban & Regional Planning (PLAN) (4) p. 524 Women's Studies (WS) (38)* p. 526

General Education Designations

Courses that meet the UH Mānoa General Education Core Requirements are identified with one of the following designations at the end of the course description:

Biological Sciences - DB	Physical Sciences - DP	Laboratory (science) - DY
Animal Science (ANSC) (16)* p. 378 Anthropology (ANTH) (6)* p. 379 Biochemistry (BIOC) (1) p. 391 Bioengineering (BE) (1) p. 392 Biology (BIOL) (26)* p. 392 Botany (BOT) (24)* p. 394 Cell & Molecular Biology (CMB) (2) p. 398 Chemistry (CHEM) (1) p. 398 Dental Hygiene (DH) (10)* p. 410 Food Science & Human Nutrition (FSHN) (12)* p. 427 Geography (GEOG) (2) p. 429 Honors (HON) (2) p. 442 Kinesiology & Rehabilitation Science (KRS) (9)* p. 458 Medical Technology (MEDT) (1) p. 473 Microbiology (MICR) (9)* p. 474 Molecular Biosciences & Bioengineering (MBBE) (4) p. 475 Molecular Cell Biology (MCB) (4) p. 476 Natural Resources & Environmental Management (NREM) (4)* p. 479 Ocean & Earth Science & Technology (OEST) (1)* p. 485 Oceanography (OCN) (3) p. 486 Pharmacology (PHRM) (2)* p. 490 Physiology (PHYL) (9)* p. 493 Plant & Environmental Protection Sciences (PEPS) (9)* p. 493 Psychology (PSY) (5) p. 497 Public Health (PH) (1) p. 500 Sustainability (SUST) (8) p. 514 Tropical Plant & Soil Sciences (TPSS) (22)* p. 522 Women's Studies (WS) (2) p. 526 Zoology (ZOOL) (20)* p. 528	Astronomy (ASTR) (14)* p. 389 Atmospheric Sciences (ATMO) (9)* p. 390 Biochemistry (BIOC) (2)* p. 391 Bioengineering (BE) (10) p. 392 Chemistry (CHEM) (17)* p. 398 Civil & Environmental Engineering (CEE) (15) p. 401 Electrical Engineering (EE) (20)* p. 417 Fashion Design & Merchandising (FDM) (2) p. 425 Food Science & Human Nutrition (FSHN) (2) p. 427 Geography (GEOG) (9)* p. 429 Geology & Geophysics (GG) (29)* p. 431 Honors (HON) (7) p. 442 Mechanical Engineering (ME) (25) p. 471 Natural Resources & Environmental Management (NREM) (3) p. 479 Ocean & Earth Science & Technology (OEST) (1)* p. 485 Ocean & Resources Engineering (ORE) (3)* p. 486 Oceanography (OCN) (9)* p. 486 Physics (PHYS) (23)* p. 492 Sustainability (SUST) (2) p. 514 Tropical Plant & Soil Sciences (TPSS) (1) p. 522	Animal Science (ANSC) (2) p. 378 Anthropology (ANTH) (2)* p. 379 Astronomy (ASTR) (3)* p. 389 Atmospheric Sciences (ATMO) (1)* p. 391 Biochemistry (BIOC) (1) p. 391 Bioengineering (BE) (2) p. 392 Biology (BIOL) (9)* p. 392 Botany (BOT) (14)* p. 394 Chemistry (CHEM) (12)* p. 398 Civil & Environmental Engineering (CEE) (1) p. 401 Dental Hygiene (DH) (5)* p. 410 Electrical Engineering (EE) (4) p. 417 Fashion Design & Merchandising (FDM) (1) p. 425 Food Science & Human Nutrition (FSHN) (4) p. 427 Geography (GEOG) (2)* p. 429 Geology & Geophysics (GG) (9)* p. 431 Honors (HON) (1) p. 442 Mechanical Engineering (ME) (2) p. 471 Microbiology (MICR) (9)* p. 474 Molecular Bioscience & Bioengineering (MBBE) (1) p. 475 Molecular Cell Biology (MCB) (3) p. 476 Natural Resources & Environmental Management (NREM) (2) p. 479 Oceanography (OCN) (2)* p. 486 Physics (PHYS) (8)* p. 492 Physiology (PHYL) (4)* p. 493 Plant & Environmental Protection Sciences (PEPS) (1) p. 493 Sustainability (SUST) (2) p. 514 Tropical Plant & Soil Sciences (TPSS) (4) p. 522 Zoology (ZOOL) (12)* p. 528

Foundations Requirements

Written Communication .FW
 Quantitative Reasoning.... FQ
 Global and Multicultural PerspectivesFG
FGA, FGB, FGC (see p. 27-28)

Diversification Requirements

Arts DA
 Humanities DH
 Literatures DL
 Social Sciences.....DS
 Biological SciencesDB
 Physical Sciences DP
 Laboratory (science) DY

UH Mānoa

Graduation Requirements

Hawaiian/Second Language HSL

For more information, see the “Mānoa Undergraduate General Education Requirements” section of this *Catalog*.

Please Note:

- Consult your college/school advisor for a list of updated General Education courses. Additional courses may have been approved after the publication of this *Catalog*.
- Some programs specify which courses their students must take to fulfill the Core Requirements or to fulfill lower division college/school requirements. For these programs, students should consult an advisor from their department prior to selecting courses.



This listing describes the large range of courses available. Please note that this list of courses changes due to the dynamic nature of academic disciplines.

Each semester, the courses available are listed in the *Check Class Availability* website at www.sis.hawaii.edu/uhdad/avail.classes?i=MAN. Summer courses are listed through the Outreach College at www.outreach.hawaii.edu.

The course headings are abbreviated and include a two- to four-letter department code, course number (including alpha suffix, if applicable), title, level, credits, description, repeatability, major restrictions, grade option, prerequisites, co-requisites, frequency, cross-listings, and core designation. For further clarification, please refer to the sample course description.

Sample Course Description

ABCD 123 Introduction to Courses (3) (2 Lec, 1 3-hr Lab) This sample describes an introductory course. Open to nonmajors if space available. Repeatable one time. CR/NC only. Pre: 122, HIST 101 and COMG 188 (or concurrent); or consent. Co-requisite: 123L. (Cross-listed as DCBA 123) **DA**

Course number (ie. 123) reflects course level (see “Course Numbering System” below). An “A” following the number designates a Selected Studies (honors) section. An “L” following the number designates a laboratory course that is companion to a lecture course bearing the same number. All other suffixes (“B–K,” “M–U,” and “W–Z”) mark separate sections of an “Alpha” course, each having a distinctive content that a student may earn credit toward the degree for each section taken.

Course titles will be entered exactly as they appear on UHM forms, so it is important to use appropriate punctuation and capitalization. Diacritical and other punctuation marks that are not included on a keyboard are not available in the online *Catalog*. Two or more courses within the same subject should not share the same title. An exception is for honors courses and their non-honors counterparts. The word “online” should not be included in a course title to indicate that the course is offered via the internet.

Roman numerals (I, II) indicate the level of a course in a sequence, e.g., Calculus II is a more advanced course following an introductory-level course.

Credit hours (i.e., (3)) are shown in parentheses following the course title. Variable credit courses are designated “(V).” Some classes break down the time spent in lecture and laboratory. (2 Lec, 1 3-hr Lab)

Description includes class size/format (lecture, discussion, seminar, lab, workshop, studio) and major subjects covered. Other features may include learning experiences (term papers, guest lecturers).

Repeatable how many times indicates that a course may be taken again for additional credit toward a degree.

Grade option A-F only indicates that the course is offered only for grade. **CR/NC only** indicates that the course is offered only for credit (CR) or no credit (NC). Credit is given if a student achieves a passing grade. **Satisfactory only** indicates

whether the course is satisfactory or unsatisfactory. **No Grading (NG)** is for graduate courses only.

Pre: indicates the **prerequisites necessary** to register for a course, which may include courses, general education designation, class standing, consent of the instructor or departmental approval. Some prerequisites may be taken concurrently. When a department has a prerequisite common to a large group of courses, that fact is noted in italics preceding these course listings as a blanket statement.

Co-requisite indicates that the course must be taken in conjunction with another course.

Frequency of course will determine how often the course is offered. **(Fall only)** means that the course is offered only in the fall, **(Spring only)** means the course is offered only in the spring. **(Alt. years)** means that the course is offered every other year.

Cross-listed courses (Cross-listed as ABCD 123) indicates that the course fulfills a requirement in more than one department and specifies the alternate departmental course listing.

Non-Introductory (NI) courses are 200-level with an explicitly stated course prerequisite, or 300-level or higher.

Upper Division Courses Junior- and senior-level courses, numbered 300–499, which generally have prerequisites.

General Education designation (e.g., **DA**) indicates that the course meets a General Education Core requirement. See the key in the right column for designations. Courses that meet the Focus requirement are not designated in the *Catalog*. Focus-designations are in the *Class Availability* website.

Course Numbering System

Undergraduate Courses (1–499)

- 1–99 Courses not applicable for credit toward a bachelor’s degree
- 100–199 Initial or introductory courses
- 200–299 Second-year courses in a sequence or development in a field of study.
- 300–499 Third- and fourth-year courses in a sequence of courses or first courses in professional curricula. May be accepted by Graduate Education to fulfill graduate degree requirements (petition may be required). Courses numbered 300 or above are upper division and count toward the 45 upper division credit requirement.

Post-Baccalaureate Courses (500–800)

- 500 Directed Study (master’s Plan B)
- 500–599 Courses applicable toward first professional degrees (architecture, law, and medicine) and in-service training programs in education
- 600–699 Graduate courses
- 700 Thesis Research (master’s Plan A)
- 700–799 Advanced graduate courses
- 800 Dissertation Research

Special Numbers: Courses ending in -99 are directed research or directed study. Experimental courses ending in -97 or -98 and single course offerings are **not** listed in the *Catalog*.