

ASU – School of Life Sciences – MOLECULAR BIOSCIENCES & BIOTECHNOLOGY Curriculum Check Sheet 2004-2005

DATE:		ADVISOR:													
NAME (Last, First MI):				ASU ID:				MINOR:							
UNIVERSITY GENERAL STUDIES (* indicates C minimum required)				COLLEGE GRADUATION REQUIREMENTS Cannot also count for University HU or SB				MAJOR REQUIREMENTS Minimum C (2.00) or above				MAJOR RELATED FIELDS Minimum C (2.00) or above			
Course Prefix & No.	√	HRS	UD	Course Prefix & No.	√	HRS	UD	Course Prefix & No.	√	HRS	UD	Course Prefix & No.	√	HRS	UD
First-Year Composition				Second Language (4 th semester Requires C minimum)				Cell & Mol Biol MBB 245, 246				Chemistry			
*ENG 101		3	no	101		4	no	Appl Biosciences MBB 247, 248				CHM 113			
*ENG 102		3	no	102/111		4	no	Biol of Micro MIC 220 + Micro Lab MIC 206				CHM 115 <i>or</i> CHM 116			
				201		4	no	General Genetics BIO 340				CHM 231, 235 <i>or</i> CHM 331, 335 + 332, 336			
Literacy and Critical Inquiry				202				Genetic Eng & Soc MBB 343				Biochemistry			
L: *MBB 490		4	4	Bridge Course (3 hours, see list on back)				Intern/Research MBB 484/ 499				BCH 361, 367			
L: *MBB 343		4	4			3		Capstone MBB 490 (taken over 2 sem., 2 hrs. each)				Mathematics			
Numeracy (CLAS majors require a C minimum in the MA area)				Humanities 6 hours must be upper division								MAT 251			
MA: *MAT 251		3	no			3	3	Plus at least one of the following (4-5 hours):				MAT 351			
CS: *MAT 351		3	3			3	3	Applied Genetics MBB 350				Physics			
Humanities and Fine Art (6 hours)				Social and Behavioral Sciences 6 hours must be upper div.				Tech in Mol Biol MBB 445, 446				PHY 111, 113			
HU						3	3	Cell Biotech Lab BIO 451				PHY 112, 114			
HU						3	3	Immunology MIC 420, 421							
Social and Behavioral Sciences (6 hours)				Natural Sciences and Mathematics				Bact Genetics MIC 441, 442				Optional courses			
SB				(Satisfied by Major Requirements)								MIC 360			
SB								Core Total: 34-35 Hours				MIC 485			
Upper Division HU/SB (3 hours)				COLLEGE TOTALS								PLB 308			
			3	Electives											
Sciences (8 hours)												SEMESTER HOUR TALLY			
(Satisfied by Major Requirements)												UNIVERSITY TOTAL			
												COLLEGE TOTAL			
Awareness Areas (can double count)												MAJOR TOTAL			
<input type="checkbox"/> Cultural Diversity – C												ELECTIVE TOTAL			
<input type="checkbox"/> Global - G												Column Total			
<input type="checkbox"/> Historical – H												Totals hours (120 hrs. required) (Add C and NC columns)			
UNIVERSITY TOTALS				ELECTIVE TOTALS				MAJOR TOTALS				45 UD hrs. req.			
Notes:															

Key: √ = Course has been completed UD = Upper division courses (300 and above at ASU)

Please see the instructions on the back of this check sheet.

This check sheet is only a guide. Check with the General Catalog for the official requirements and print a DARS report each semester to make sure you are completing the appropriate requirements toward graduation.

Double Counting Restrictions: The following are the ONLY cases in which a student can double count courses:

Literacy courses can also count for all other requirements, except University HU or SB courses.

University HU and SB courses can only also count for Awareness Areas and major requirements.

Awareness Areas can also count for any other requirements (and one course can count for up to two Awareness Areas).

Language courses at the 201 and 202 level can also count for the Global Awareness requirement.

Bridge courses can also count for Literacy and Awareness Areas.

CLAS Humanities and CLAS Social/Behavioral Sciences can also double count for Literacy, Awareness Areas, and major requirements.

Math and CS (Statistics) courses can also count for major requirements.

You CANNOT double count courses from the College Graduation requirements, including the Bridge course, with the University General Studies HU or SB.

University General Studies Requirements: Please see the current catalog or schedule of classes for a listing of courses that qualify for General Studies credit (i.e., L, MA, CS, HU, SB, C, G, H). Note: University General Studies HU and SB courses are not the same as CLAS Humanities and Social and Behavioral Science credits. See below.

Major Requirements: A minimum grade of C (2.00) is required for all course work in the major and related fields. Transfer courses subject to departmental approval.

College of Liberal Arts & Sciences Graduation Requirements:

CLAS Humanities: A total of 6 Upper Division hours only from the following departmental prefixes: AFH, CSH, ENG, HPS, HUM, PHI, REL, WSH, Department of Languages and Literatures – FLA 150 or any upper division literature or civilization course (e.g., SPA 325).

CLAS Social/Behavioral Sciences: A total of 6 Upper Division hours only from the following departmental prefixes: AFS, ASB, CSS, ECN, GCU, HST, POS, PGS, SOC, WST (except for WST 413, 464, and 470).

CLAS Bridge courses: See below for a list of Bridge courses. New courses are periodically added; please see the “Bridge Course” flyer in SS 111 for an updated list or on the web at <http://clas.asu.edu/students/roadmap/degree/requirements/bridge.htm>. The Bridge course requirement cannot be double counted to fill the University General Studies HU or SB or other College Graduation requirements. Unless otherwise noted only the main campus courses listed below will fulfill the bridge course requirement. Courses that are **bold** are recommended for MBB majors.

M ASB 240	Introduction to Southeast Asia Cross-listed as GCU 240 / HIS 240 / HUM 294 ST: / POS 240 / REL 240	M GCU 344	Geography of Hispanic Americans	M PLB 422	Plant Geography
M ASB 326	Human Impacts on Ancient Environments	M HPS 330 /	Society and Environment	M POS 305	Politics and Film
M ASB 350	Anthropology and Art	M HPS 331 /	Global Change	M PSY 424	Genetic Psychology
M ASB 353	Death and Dying in Cross-Cultural Persp.	M HPS 340 /	Energy and Environment	M PSY 425	Biological Bases of Behavior
E ASB 353	Death and Dying in Cross-Cultural Persp.	M HST 436	PLB 422 Plant Geography	M PSY 426	Neuroanatomy
M ASB 462	Medical Anthropology: Culture and Health	M HST 460	HISTORY OF SCIENCE	M PSY 470	Psychopharmacology
M ASM248	Bioarchaeology of Cannibalism, Violence and Social Pathology	M HUM 420	BIO 316 Hist. of Biology: Conflicts and Controversies	M REL 379	Religion, Nationalism / Ethnic Conflict
M ASM 345	Disease and Human Evolution	M KIN 422 /	BIO 318 History of Medicine	M REL 382	Religion, Magic, and Science
M BIO 311	Biology and Society	M KIN 452 /	BIO 311 Biology and Society	M REL 390 /	WST 394 Women and Religion
M BIO 316	History of Biology	M MIC 394	The Soviet Experiment	M REL 480	Religion and Global Politics
M BIO 318 /	HPS 331 History of Medicine	M PGS 394	History of Fire	M SCA 250	Introduction to Scandinavian Culture
M BIO 319 /	PLB 320 Environmental Science (non-major)	M PLB 320 /	Interpreting Latin America	M SHS 394	ST: Brain, Memory, and Language
M BIO 427	Fire	M PLB 322	(EPE 494 ST:) Motor Control in Special Populations	M SOC 334	Technology and Society
M ENG 312	English in Its Social Setting	M PLB 322	EPE 452 Exercise Psychology	M SOC 420	Sociology of Religion
M ENG 494	Science and Literature	M PLB 322	ST: Disease & AIDS in America	M SOC 451	Comparative Sociology
			ST: Disease & AIDS in America	M SOC 483	History of Social Thought
			BIO 319 Environmental Science (non-major)	M WST 394	Women and Religion
			Environmental Science (majors only)		