

**ASU – School of Life Sciences – MOLECULAR BIOSCIENCES & BIOTECHNOLOGY Curriculum Check Sheet 2003-2004**

DATE:		ADVISOR:													
NAME (Last, First MI):				ASU ID:				MINOR:							
UNIVERSITY GENERAL STUDIES <small>(* indicates C minimum required)</small>				COLLEGE GRADUATION REQUIREMENTS <small>* See double counting restrictions on back.</small>				MAJOR REQUIREMENTS <small>** See minimum grade requirements on back.</small>				MAJOR RELATED FIELDS			
Course Prefix & No.	√	HRS	UD	Course Prefix & No.	√	HRS	UD	Course Prefix & No.	√	HRS	UD	Course Prefix & No.	√	HRS	UD
<b>First-Year Composition</b>				<b>Second Language</b> (4 <sup>th</sup> semester Requires C minimum)				Cell & Mol Biol MBB 245, 246				<b>Biochemistry</b>			
*ENG 101		3	no			4	no	Biol of Micro MIC 220, 206				BCH 361, 367			
*ENG 102		3	no			4	no	Genet Eng & Soc MBB 343				<b>Chemistry</b>			
				<b>Bridge Course</b> (3 hours, see list on back)				Internship MBB 484/ 499				CHM 113			
<b>Literacy and Critical Inquiry</b>								Capstone MBB 490 (taken over 2 sem., 2 hrs. each)				CHM 115			
L: *MBB 490		4	4	<b>Humanities</b> 6 hours must be upper division								CHM 231, 235 or CHM 331, 332, 335, 336			
L: *MBB 343		4	4					<b>Plus two or more of the following (7-9 hours)</b>				<b>Mathematics</b>			
<b>Numeracy</b> (CLAS majors require a C minimum in the MA area)								Applied Genetics MBB 350				MAT 251			
MA: *MAT 251		3	no	<b>Social and Behavioral Sciences</b> 6 hours must be upper div.				Cell Biology BIO 353				MAT 351			
CS: *MAT 351		3	3					Immunology MIC 420, 421				<b>Physics</b>			
<b>Humanities and Fine Art</b> (6 hours)								Tech in Mol Biol MBB 445, 446				PHY 111, 113			
HU				<b>Natural Sciences and Mathematics</b> (6 to 8 hours)				ST: Cell Biotech Lab BIO 494				PHY 112, 114			
HU				(Satisfied by Major Requirements)				Gen Genetics BIO 340				<b>Optional courses</b>			
<b>Social and Behavioral Sciences</b> (6 hours)												MIC 360			
SB				COLLEGE TOTALS				<b>Core Totals: 29-31</b>				MIC 485, 486			
SB				Electives								PLB 308			
<b>Upper Division HU/SB</b> (3 hours)															
			3												
<b>Sciences</b> (8 hours)												SEMESTER HOUR TALLY			
(Satisfied by Major Requirements)												UNIVERSITY TOTAL			
												COLLEGE TOTAL			
<b>Awareness Areas</b> (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							
<b>Notes:</b>															

**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.

45  
UD  
hrs.  
req.

**How to use this check sheet:** List the course and prefix number that fulfills the corresponding requirement. In the appropriate column next to the course, write the number of semester credit hours. If you have credit for a course, place a  $\sqrt{\quad}$  mark beside the course. If the course is an upper division course (Jr. or Sr. level, numbered 300-499 at ASU) also mark the number of credit hours in the UD column next to the course. Courses numbered 500 or above require special permission, ask for the petition form in the Graduation Office in SS111. When double counting courses (using the same class to fulfill two requirements) take extra care not to double count the credit hours. Write the number of hours under one of the requirements, and cross out the appropriate column under the double counted requirement.

**Double Counting Restrictions:** You CANNOT double count courses from the College Graduation requirements, including the Bridge course, with the University General Studies HU, SB, SG or SQ areas. You also may not double count courses within the College Graduation requirements, including the bridge course.

**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, SQ/SG, 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 Minimum Grade Requirements:** C min. required in all upper division course work. Some majors have more stringent requirements. Transfer courses subject to departmental approval

**CLAS Graduation Requirements:**

**CLAS Humanities** credits come only from the following departmental prefixed: AFH, CSH, ENG (Literature courses only), HUM, PHI, HPS, 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** credits come only from the following departmental prefixes: AFS, ASB, CSS, ECN, GCU, HIS, POS, PGS, SOC, WST (not WST 413, 464, 470).

**CLAS 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://asu.edu/clas/bridgecourses>. The Bridge course requirement cannot be double counted to fill the University General Studies HU, SB, SG or SQ or other College Graduation requirements. Unless otherwise noted only the main campus courses listed below will fulfill the bridge course requirement. Courses in **bold** may count toward the major.

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	<b>M PLB 422</b>	<b>Plant Geography</b>
M ASB 326	Human Impacts on Ancient Environments	M GPH 210	Society and Environment	M POS 305	Politics and Film
M ASB 350	Anthropology and Art	M GPH 314	Global Change	M PSY 424	Genetic Psychology
M ASB 353	Death and Dying in Cross-Cultural Persp.	M GPH 405	Energy and Environment	M PSY 425	Biological Bases of Behavior
E ASB 353	Death and Dying in Cross-Cultural Persp.	M GPH 422 /	PLB 422 Plant Geography	M PSY 426	Neuroanatomy
M ASB 462	Medical Anthropology: Culture and Health	M HPS 322	History of Science	M PSY 470	Psychopharmacology
M ASM248	Bioarchaeology of Cannibalism, Violence and Social Pathology	M HPS 330 /	BIO 316 Hist. of Biology: Conflicts and Controversies	M REL 379	Religion, Nationalism / Ethnic Conflict
M ASM345	Disease and Human Evolution	M HPS 331 /	BIO 318 History of Medicine	M REL 382	Religion, Magic, and Science
<b>M BIO 311</b>	<b>Biology and Society</b>	M HPS 340 /	BIO 311 Biology and Society	M REL 390 /	WST 394 Women and Religion
<b>M BIO 316</b>	<b>History of Biology</b>	M HST 436	The Soviet Experiment	M REL 480	Religion and Global Politics
<b>M BIO 318</b> /	<b>HPS 331 History of Medicine</b>	M HST 460	History of Fire	M SCA 250	Introduction to Scandinavian Culture
M BIO 319 /	PLB 320 Environmental Science (non-major)	M HUM 420	Interpreting Latin America	M SHS 394	ST: Brain, Memory, and Language
<b>M BIO 427</b>	<b>Fire</b>	M KIN 422 /	(EPE 494 ST:) Motor Control in Special Populations	M SOC 334	Technology and Society
M ENG 312	English in Its Social Setting	M KIN 452 /	EPE 452 Exercise Psychology	M SOC 420	Sociology of Religion
M ENG 494	Science and Literature	<b>M MIC 394</b>	<b>ST: Disease &amp; AIDS in America</b>	M SOC 451	Comparative Sociology
		M PGS 394	ST: Disease & AIDS in America	M SOC 483	History of Social Thought
		M PLB 320 /	BIO 319 Environmental Science (non-major)	M WST 394	Women and Religion
		<b>M PLB 322</b>	<b>Environmental Science</b> (majors only)		