

# UNIVERSITY OF WYOMING

College of Agriculture

## Family & Consumer Sciences

Undergraduate Advising Check Sheet

2008-2009

### Human Nutrition and Food – Pre-Medicine Track

Student Name: \_\_\_\_\_ W#: \_\_\_\_\_ Adviser: \_\_\_\_\_

All students pursuing a bachelor of science degree in Family and Consumer Sciences are required to complete: a) University Studies Program (USP) requirements; b) departmental core curriculum; and c) courses within the selected option.

The **University Studies Program (USP)** ensures that each student's program includes the elements essential to a lifetime of personal and professional growth: habits of mind, practices of active citizenship, and development of intellectual skills. The USP program requires students to develop skills that include the ability to express oneself in speech and writing; to locate, evaluate and effectively use information; and to examine problems from quantitative, qualitative, and scientific perspectives. The USP requirements will be approximately 36 credit hours of your overall degree program.

All courses within Family and Consumer Sciences must be completed with a grade of C or better. The **department core curriculum** is required of all majors. This requirement is based on a common body of knowledge in family and consumer sciences which contains concepts relevant to all program options. The department core will be 13-14 credit hours of your overall degree program. FCSC 1010, your first core course, is the beginning of the department mandatory electronic portfolio assessment system. It must be taken in your first year. If you drop, withdraw or do not pass the course with a grade of C or better, you will be prevented from re-enrolling for one semester of the course offering. If you drop, withdraw, or do not pass the course with a grade of C or better after two attempts, you will be dismissed from your family and consumer sciences major.

The **requirements for your selected option** are listed in this check sheet. It is important to understand course sequencing (when courses are offered) and prerequisites (other courses that must be taken first). Each student has a faculty adviser. You will be advised each semester. It is important that you work closely with your adviser to plan your course schedule.

**University Requirement** – All degrees at the University of Wyoming require 48 upper-division credit hours (3000+).

**Residency Requirement** – All degrees must include a minimum of 30 credit hours from UW.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Adviser Signature

\_\_\_\_\_  
Date

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### Family & Consumer Sciences Core Courses

Course #	Course Title	USP	Cr/Hrs	Sem/Yr Taken
FCSC 1010	Perspectives in Family and Consumer Sciences – online only (see course policy on page one of this checksheet)	I, L	2	
Choose One	Child and Family Elective <sup>1</sup> FCSC 2121 Child Development (CS) FCSC 2131 Family Relations		3-4	
Choose One	Family Resource Management Elective <sup>2</sup> FCSC 3110 Personal Finance FCSC 4112 Family Decision Making FCSC 4113 Consumer Issues		3	
Choose One	Textiles and Merchandising Elective <sup>3</sup> FCSC 2170 Clothing in Modern Society (WB) FCSC 2180 Housing FCSC 3171 Introductory Textile Science		3	
FCSC 4010	Philosophical and Research Perspectives in FCSC		2	
<b>CORE TOTAL</b>			<b>13-14</b>	

### Pre-Med Required Courses (please see recommended sequencing below)

Course#	Course Title	USP	Cr/Hrs	Sem/Yr Taken
CHEM 1020	General Chemistry I*	SP	4	
CHEM 1030	General Chemistry II*	SP	4	
CHEM 2420	Organic Chemistry I		4	
CHEM 2440	Organic Chemistry II		4	
COJO 1010	Public Speaking*	O	3	
ENGL 1010	College Composition/Rhetoric*	WA	3	
ENGL 4010	Technical Writing for the Professions*	WC	3	
FCSC 1141	Principles of Nutrition*		3	
FCSC 1150	Scientific Study of Food*		3	
FCSC 3140	Maternal, Infant and Adolescent Nutrition*		3	
FCSC 4142	Nutrition and the Elderly*		1	
FCSC 4145	Advanced Nutrition*		4	
FCSC 4146	Therapeutic Nutrition*		4	
FCSC Electives	Human Nutrition and Food Electives (Choose from the following): FCSC 3145 Sports Nutrition Metabolism FCSC 3147 Community Nutrition* FCSC 3150 Intermediate Foods* FCSC 3152 Food Systems Production* FCSC 4147 Nutrition and Weight Control* FCSC 4150 Experimental Foods*		2-3	
LIFE 1010	General Biology*	SB	4	
LIFE 2022	Animal Biology	SP	3	
MATH 1450	Algebra and Trigonometry	QA	5	
MATH 2200	Calculus I	QB	3	
MOLB Electives	Molecular Biology Electives (Choose one of the following fall/spring course combinations): MOLB 3610 Principles of Biochemistry* <b>and</b> MOLB 4100 Clinical Biochemistry* <b>or</b> MOLB 4600 General Biochemistry I <b>and</b> MOLB 4610 General Biochemistry II		4 + 3  3 + 3	
PEAC 1001	Physical Activity and Your Health	P	1	
PHYS 1110	General Physics I	SP	4	

PHYS 1120	General Physics II	SP	4	
PSYC 1000	General Psychology*	CS	3	
STAT 2050	Fundamentals of Statistics*	QB	4	
SOC 1000	Sociological Principles*	CS	3	
ZOO 3115	Human Systems Physiology*		4	
University Studies requirements – choose from list ( <a href="http://www.uwadmweb.uwyo.edu/unst/usp2003.asp">www.uwadmweb.uwyo.edu/unst/usp2003.asp</a> )				
	CA Elective	CA	3	
	CH Elective	CH	3	
	D Elective	D	3	
	G Elective	G	3	
	V Elective – Choose one of the following: POLS 1000 American & Wyoming Government <b>or</b> HIST 1211 US to 1865 <b>and</b> HIST 1251 Wyoming History	V	3	
	WB Elective	WB	3	
<b>Supporting Electives</b>				
	Choose electives to strengthen specific medical school entry requirements. Some examples are: CHEM 3550 Physical Chemistry for the Life Sciences ECON 1010 Principles of Macroeconomics* ENGL 2425 Literature in English I ENGL 2430 Literature in English II LIFE 2050 Biology of Aging and Human Development LIFE 3050 Genetics LIFE 4600 Cell Biology MGT 3210 Management & Organization* MICR 2220 Pathogenic Microbiology MOLB 2210 or MICR 2021 General Microbiology* PATB 2240 Medical Microbiology PATB 4001 Epidemiology PATB 4400 Immunology SPAN 1010 First Year Spanish I SPAN 1020 First Year Spanish II ZOO 4340 Developmental Biology and Embryology			
*Indicates course required for the Didactic Program in Dietetics				
<b>DEGREE TOTAL MUST AT LEAST 128 CREDIT HOURS</b>				

## Suggested Course Sequence

<i>Freshman Year</i>	
Fall Semester 16 credit hours	Spring Semester 14 credit hours
FCSC 1150 (3) MATH 1450 (5) LIFE 1010 (4) ENGL 1010 (3) PEAC 1001 (1)	FCSC 1010 (2) FCSC 1141 (3) COJO 1010 (3) MATH 2200 (3) SOC 1000 (3)
<i>Sophomore Year</i>	
Fall Semester 17-18 credit hours	Spring Semester 18 credit hours
USP V Elective (3) CHEM 1020 (4) FCSC Core Elective <sup>1</sup> (3-4) PHYS 1110 (4) USP Elective (3)	CHEM 1030 (4) COJO 1010 (3) PSYC 1000 (3) PHYS 1120 (4) STAT 2050 (4)
<i>Junior Year</i>	
Fall Semester 17 credit hours	Spring Semester 17 credit hours
FCSC Elective <sup>2</sup> or <sup>3</sup> (3) FCSC 3140 (3) FCSC 4142 (1) LIFE 2022 (3) CHEM 2420 (4) USP Elective (3)	CHEM 2440 (4) ZOO 3115 (4) ENGL 4010 (3) USP Elective (3) Supporting Elective (3)
<i>Senior Year</i>	
Fall Semester 18-19 credit hours	Spring Semester 18-19 credit hours
FCSC 4010 (2) FCSC 4145 (4) FCSC Elective <sup>2</sup> or <sup>3</sup> (3) MOLB Elective (3-4) USP Elective (3) Supporting Elective (3)	FCSC 4146 (4) FCSC Food and Nutrition Elective (2-3) MOLB Elective (3) USP Elective (3) Supporting Elective (3) Supporting Elective (3)

## University Studies Checklist

	USP	Prefix	Course#	Cr/Hrs
<b>CORE COMPONENTS</b>				
Intellectual Community (I): 1-3 credit hours				
Complete one approved Intellectual Community course for 1-3 credit hours.	I			
Writing 1(WA): 3 credit hours				
Complete one approved Writing 1 course for 3 credit hours.	WA			
Oral Communication (O): 3 credit hours				
Complete one approved Oral Communications course.	O			
Quantitative Reasoning 1 and 2 (QA and QB): 3 credit hours each				
All students must fulfill the QA requirement – either by placing into a QB course or through successfully completing a QA course.	QA			
Students are required to satisfy both QA and QB requirements. All QB courses have a QA prerequisite.	QB			
Science (S, SB, SP, SE): 4-8 credit hours				
Complete any two approved courses from biological sciences (SB), physical sciences (SP), or earth sciences (SE). One of these courses must have a lab component. An approved integrated science course (S) which has a lab component can be substituted.	S			
	SB			
	SP			
	SE			
Cultural Content (C, CH, CS, CA): 9 credit hours (3 credit hours each from CH, CS and CA – can substitute C course for one)				
Complete nine credit hours, three from each of the following categories: humanities (CH), social and behavioral sciences (CS), and fine arts (CA). One approved three credit hour integrated cultural context course (C) can be substituted for one of the three categories.	C			
	CH			
	CS			
	CA			
U.S. and Wyoming Constitutions (V): 3 credit hours				
Complete one V course for 3 credit hours.	V			
Physical Activity and Health(P): 1 credit hour				
Complete one approved Physical Activity and Health course for 1 credit hour.	P			
<b>EMBEDDABLE COMPONENTS</b>				
Information Literacy				
	L			
Writing 2 and 3				
Successful completion of a WA course is required prior to taking a WB course.	WB			
Successful completion if a WB course is required prior to taking a WC course.	WC			
Global Awareness				
	G			
Diversity in the United States				
	D			

### Family & Consumer Sciences Courses with USP Designation

FCSC 1010	Perspectives in Family and Consumer Sciences	I, L
FCSC 1180	Applied Design	CA
FCSC 2121	Child Development*	CS
FCSC 2170	Clothing in Modern Society	WB
FCSC 3220	Multicultural Influences on the Young Child*	CS, D
FCSC 4127	Directing Preschool and Daycare Programs*	WC
FCSC 4139	Professional Practice Issues in Family & Community Services*	WC
FCSC 4181	Global Textiles Marketplace*	G
FCSC 4182	Textiles Industry and the Environment*	WC
FCSC 4546	Agriculture: Rooted in Diversity*	C, D

\*Course has prerequisites.



*Additional Courses Required/Recommended by WWAMI Schools:*

UNIVERSITY OF ARIZONA	No additional requirements
LOMA LINDA UNIVERSITY	Religion is required by the college attended.
STANFORD UNIVERSITY	Knowledge of a foreign language and course work in behavioral sciences, calculus, physical chemistry, and, in particular, biochemistry, are strongly recommended.
UCB-UCSF Joint Med Program	Details available from: Graduate Office, Health and Medical Science Program, Room 106, Building T-7, University of California, Berkeley, CA 94720.
UNIVERSITY OF CA (Davis)	Course work sufficient to satisfy prerequisites for integral calculus is required.
UNIVERSITY OF CA (Irvine)	One half year of upper division biology courses excluding botany and biochemistry.
UNIVERSITY OF CA (LA)	One year upper division biology courses required. Biochemistry, calculus, and Spanish are highly recommended.
UNIVERSITY OF CA (San Diego)	One year of mathematics (only calculus, statistics, or computer science or a combination of these will be considered). Recommended courses include: behavioral sciences, the biology of cells and development, genetics, biochemistry, English, social sciences, or conversational Spanish.
UNIVERSITY OF CA (San Francisco)	Required: vertebrae zoology. Recommended: mathematics courses, upper division biological sciences courses, humanities courses.
UNIVERSITY OF S. CA	Biochemistry, developmental biology, molecular and cell biology, genetics and calculus are strongly recommended.
UNIVERSITY OF COLORADO	Required: six semester hours of English literature. Calculus is recommended. A quantitative mathematically-oriented physics course is strongly recommended.
UNIVERSITY OF HAWAII	Breadth of education in the liberal arts is of vital importance and work in the humanities is strongly advised.
UNIVERSITY OF NEVADA	Six semester hours in the behavioral sciences to include three semesters of upper division credit are required.
UNIVERSITY OF NEW MEXICO	Biochemistry, calculus and Spanish are strongly recommended.
UNIVERSITY OF N. DAKOTA	Required: three semester hours in psychology/sociology; six semester hours in Language Arts (English, Speech, etc.)
OREGON HEALTH SCIENCE UNIV.	Required: course work in basic genetics, calculus, general psychology. Recommended: advanced courses in physiology or embryology; analytical chemistry, instructional analysis or physical chemistry are recommended for students considering special medical programs with emphasis in the basic sciences; knowledge of a major modern foreign language.
UNIVERSITY OF UTAH	Course work in humanities and social sciences is required.