

Randy - here is what we emailed about
with respect to curriculum changes.

Jill Pfister

From: Jill Pfister [pfister.1@osu.edu]
Sent: Tuesday, March 11, 2008 1:42 PM
To: Smithr (smithr)
Cc: Lakshmi Dutta
Subject: Curriculum Changes

Randy: We are making a few curriculum changes to some of our majors. I am struggling with whether I need to send them to you for CAA approval.

The first change is in the B.S. in Food Science. As a result of the changes in Chem 251 and 252 (content and credit hour change) we want to change the organic chemistry requirement to Chem 251 and 252 or Chem 231 and 245. We have contacted the Chemistry department and they are aware of the change and are in agreement. In fact they started the discussion as an option when we responded to concurrence on Chem 251 and 252 changes.

The second set of changes are in three of the majors offered through H&CS. Crop Science, Landscape Horticulture and Turfgrass Science are trying to make all three majors consistent with each other and offering a broad foundation in soil science, plant pathology and entomology. Each major will have a maximum of 65 hours which is within CFAES's limits for the major and they are shifting a few courses around within the major. The General Education is not changing at all.

Do you want to see these as full proposals or can I move forward? Thanks.

Jill A. Pfister

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Rationale for changing the CHEM requirements for Food Science Majors: *BS in Food Science*

The credit hour requirements for CHEM 251 and 252 are being raised from 3 to 4 credits each. The result is that Food Science students would be required to take 8 credit hours of organic chemistry. The additional material, as described by the Chemistry department, is not viewed by our department as being necessary for Food Science students in terms of academic preparation for FDSC&TE 601 and 605, the two classes which list CHEM 252 as a prerequisite. As a result, we propose the addition of CHEM 231 and 245 in the list of Chemistry courses available for our Food Science students. CHEM 231 will meet the prerequisite requirements for BIOCHEM 511 if a grade of C or better is earned. The instructors of 601 and 605 have reviewed CHEM 231 and 245 and feel they will meet their prerequisite needs. Our faculty have voted on this issue and have approved the request for this change.

The new requirements should read:

CHEM 121, 122, 123

CHEM 231 and 245 or CHEM 251 and 252

145 hours

BACHELOR OF SCIENCE IN FOOD SCIENCE
For Students Entering OSU Spring 2007 or Before and
Transfer Students Entering OSU SU07-SP08 with 45 or More Credit Hours

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check ✓ when completed: * ____, *or ♦ ____.*

FAES 100 or USAS 100, etc.	1	Arts and Humanities (See approved CFAES GEC list)	20
English 110.01	5	History Survey	5
Second Writing Course (See approved CFAES GEC list)	0-5	Literature	5
Agr Comm 390 or Comm (was J Com) 321	5	Visual/Performing Arts	5
Math 150 and 151	10	Additional Art & Hum.	5
Natural Sciences	46 45-48	Contemporary Issues (See approved CFAES GEC list)	5
Biology 113	5	Major (See below)	55-65
Chemistry 121, 122, 123, 251, 252	24 15	Internship (FD SC&TE 589)	5
Physics 111, 112	10	Free Electives	8-23 6-24
Biochemistry 511	5	TOTAL	190
Microbiology 509	5		
Chem 251 and 252 or 231 and 245	5-8		
Social Science	15		
AED Econ 200 or Econ 200	5		
Rural Soc 105 or Soc 101	5		
Additional Social Science (See approved CFAES GEC list)	5		

Major 55-65

Required:

Data Analysis	AED Econ 205 or AEE 387 or Anim Sci 260 or H&CS 260 or ENR 222 or Stat 145	5
HUMN NTR 310	The Science of Food - Human Nutrition	5
FA&BE 481	Introduction to Food Process Engineering	4
FD SC&TE 401	Introduction to Food Processing	3
FD SC&TE 601	Food Analysis	5
FD SC&TE 605	Food Chemistry	4
FD SC&TE 621	Food Additives	3
FD SC&TE 630	Principles of Food Processing	4
FD SC&TE 632	Sensory Evaluation	4
FD SC&TE 636.01	Food Microbiology Lecture	3
FD SC&TE 636.02	Food Microbiology Lab	3
FD SC&TE 696	Technical Problem Solving	5

Electives Select 7-17 credit hours from the list below

FD SC&TE 541	Physical Properties of Food	4
FD SC&TE 610	Processing of Fluid Milk and Related Products	4
FD SC&TE 611	Cheese and Fermented Foods	4
FD SC&TE 613	Processing of Fruit and Vegetable Products	4
FD SC&TE 640	Food Regulations	3
FD SC&TE 648	Essentials of Food Plant Operation	3
FD SC&TE 649	Packaging Materials and Technology	4
FD SC&TE 650	Food Product Development	4
ANIM SCI 555.01	Advanced Meat Science	3
ANIM SCI 555.02	Meat Processing	4

3/1/08
3/3/07

GENERAL COLLEGE REQUIREMENTS

- A minimum of 190 total credit hours. (English 040, 050, 051, 052, 053, 060, 100.01, 100.02, 106, 107, 108, 109.01, and 109.02. Educ T & L 104, 105, 106, 107, 108; Mathematics 040, 050, 075, 076, 100, 102, 103, and 104; Speech and Hearing Science 035 and 040, do not count toward the 190-hour minimum requirement for the BS.)
- **ALL STUDENTS MUST COMPLETE TWO INTERNATIONAL ISSUES COURSES**, one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course (*) or a western (non-US) course designated with a diamond (♦).
- Students are encouraged to participate in a study abroad. Application of credits toward the degree are approved by the Assistant Dean, Academic Affairs.
- A minimum of 55-65 hours in the major with at least 20 hours taken from the department offering the major at OSU in the baccalaureate program.
- Courses in the major may **not** be taken pass/non-pass.
- Course work may include a maximum of six hours of physical activity courses (all 100-level courses except for 102, 103, 122, 137, and 138), and a maximum of 6 credit hours of campus music organizations.
- A minimum of 45 quarter hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last quarter in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all course work completed at The Ohio State University as well as at least a 2.00 in the major and minor.
- A college maximum of ten hours of individual studies courses (x93) can be applied toward graduation although some majors may have a lower maximum.
- An internship of 3-5 hours is required. Any hours above five hours must count against the major. A college maximum of ten hours of internship credit can be applied toward graduation although some majors may have a lower maximum.
- A maximum of ten credit hours may overlap between **major** courses and the GEC (foundations, natural sciences, arts and humanities and social sciences).
- A maximum of five credit hours may overlap between the **minor** and the GEC (foundations, natural sciences, arts and humanities, social sciences, and contemporary issues).
- An application for degree must be filed in the College Office at least two quarters prior to the granting of the degree.
 - Autumn Quarter Graduation - 3rd week of Wl Qtr.
 - Winter Quarter Graduation - 3rd week of Sp Qtr
 - Spring Quarter Graduation - 3rd week of Au Qtr
 - Summer Quarter Graduation - 3rd week of Wl Qtr.

GENERAL EDUCATION CURRICULUM REQUIREMENTS**Social Writing (Select one - 5 hours)**

Select one course from the following list. Courses allowed to double count toward another GEC category are noted with a †.

- African-American and African Studies 367.02†, 367.03†, 367.04†
- Agricultural Communication 367
- Arabic 367†
- Art Education 367.01†, 367.02, 367.03
- Communication (was J Comm) 367
- Comparative Studies 367.01†, 367.02†, 367.03†, 367.04
- Dance H367.01
- Economics 367.01†, 367.02†
- Engineering 367
- English 367.01, 367.02†, 367.03†, 367.04, 367.05, 367.06, 367.07
- ENR 367†
- German 367
- Human Development and Family Science 367
- Landscape Architecture 367†
- Linguistics 367
- Modern Greek 367
- Nursing 367
- Philosophy 367
- Physics 367†
- Political Science 367.01†
- Psychology 367.01†, 367.02†
- Slavic Languages and Literatures 367
- Sociology H367.01†, 367.02†, H367.03†
- Spanish 367
- Theatre 367.01, 367.02†, 367.03
- Women's Studies 367.01†, 367.02†, 367.03†, 367.04†
- Yiddish 367†

Social Science (Select one - 5 hours)

- AED Econ 280*
- African-American and African Studies 201 (101), 218
- Animal Sciences 240
- Anthropology 201*, 202*, 421.08
- Communication (was J Comm) 101, 200, 431
- Economics 110.01, 110.02, 110.03, 201, 348, 367.01†, 367.02†
- ENR 400
- Family Resource Management 243, 340
- Geography 200*, 240*, H294 (Sp Qtr 2003)*, H410, 430, 450*, 460, 643*
- History 366.01*
- Human Development and Family Science 360, 361, 364
- International Studies 201*, 210♦, 215*, 230*, 231*, 235*, 240*, 245*, 250*, 280*, 356*
- Linguistics 170*, 270 (202), 371, 372 (361), 375* (365)
- Political Science 100*, 101, 145*, 165, 201, 210, 245*, 367.01†
- Psychology 100, 367.01†, 367.02†, 371
- Rural Sociology 378*
- Social Work 230
- Sociology 210, 345, H367.01†, 367.02†, H367.03†, 370, 380, 463, 466
- Speech & Hearing Science 330, 350
- Textiles and Clothing 372
- Women's Studies 110 (210)

Arts and Humanities**Historical Survey (Select one - 5 hours)**

- African-American and African Studies 121*
- Economics 515*
- History 111♦, 121*, 131* (withdrawn), 141*, 151, 171*, 181*
- Philosophy H111♦

Analysis of Texts and Works of Art 15 hours

Select three courses from the following lists, with at least one course from the literature section and one course from the visual/performing arts section. The remaining course may come from literature, visual/performing arts, cultures and ideas or an additional history.

1. Literature (Select one - 5 hours)

- African-American and African Studies 154, 251*, 254, 271, 345, 367.02 †, 367.03 †, 367.04 †, 551
- Arabic 371*, 372*
- Chinese 251*, 501*, 502*, 503*, 504*
- Classics 101♦, 102♦, 222♦
- Comparative Studies 100*, 201♦, 202.01*, 202.02*, 203♦, 204♦, 205, H240♦, 273♦, 294* (Wl Qtr 2004), 301*, 306*, 308*, 314*
- English 201♦, 202♦, 220♦, 260, 261, 262, 275, 280, 281, 290, 291, 367.02 †, 367.03 †
- French 150♦, 151♦, 152*, 250
- German 250, 260.01♦, 260.02♦, 260.03♦, H263♦, 291♦, 292♦, 399♦
- Hebrew 370*, 372*, 373*, 374*, 378*
- Italian 151♦, 152♦, 251
- Japanese 251*, 252*
- Korean 251*
- Modern Greek 371♦
- NELC 271*, 371*, 372*, 374*
- Persian 370* 371*
- Philosophy 215*, 301♦, 302♦, 303♦, 304♦, 305♦, 306, 307♦
- Russian 250*, 251
- Scandinavian 222♦
- Slavic Languages and Literature 245♦
- Spanish 320♦, 321♦ 520*
- Theatre 367.02 †
- Turkish 371*, 372*
- Women's Studies 215, 367.01 †, 367.02†, 367.03†, 367.04 †, 372*
- Yiddish 371♦, 399♦

2. Visual/Performing Arts (Select one - 5 hours)

- Architecture 271¹
- Art 205 (170), 206 (172), 300.01, 300.02 (300), 340 (240), H455
- Art Education 160, 252, 367.01†
- Comparative Studies 358♦
- Dance 161, 200
- East Asian Lang and Lit 346
- English 263, 269
- Film Studies 270
- History of Art 201♦ and 202♦ (210♦, 211♦, 212♦), 213*, 216*, 260*, 300♦ (was 250), 301, 305, 315♦ (was 515), 316, 330 (was 530), 340, 345, 350, 360, 505*, 519♦, 520♦, 525♦, 576*, 582*
- Italian 221♦
- Korean 505
- Landscape Architecture 201
- Medieval & Renaissance Studies 219♦
- Modern Greek 268♦

- Music 250* (140), 251♦ (141), 252 (142), 253 (150), 288, 341, 345.01, 347♦¹, 348*, 349¹
- Philosophy 240, H242
- Physics H455
- Russian 360*
- Scandinavian 520♦
- Spanish 322♦, 330*, 380*
- Theatre 100, H101, 161, H230, 271, 280¹
- Women's Studies 230, 317

¹Note that this is a three credit course and by itself does not meet the minimum credit hour requirement for the Visual and Performing Arts.

3. Cultures and Ideas

- African-American & African Studies 303♦, 342*, 485.01* (385.01)
- Allied Medicine 307
- Anthropology 241*
- Arabic 241*, 367 †, 377*
- Arts and Sciences 494 (Au Qtr 2001, Sp Qtr 2002, Au Qtr 2002 and Sp Qtr 2003), 500
- Chinese 231*, 232*
- Classics 224♦, 225♦, 226♦, 230♦, 240♦, 250
- Comparative Studies 234, 241, 242, 264, 270*, 272♦, 274, 275, 294* (Sp Qtr 2000), 305♦, 315*, 335*, 336, 339, 345, 367.01†, 367.02 †, 367.03 †, 376*, 377*
- Dance 357
- East Asian Languages and Literatures 131*, 341*
- English H167, 264, 270, 271, 276, 277
- ENR 367†
- French 153
- German 275♦, 299♦
- Hebrew 216*, 241*, 376*, 379
- History 306♦, 330.01*, 346
- History of Art 306♦ (240)
- Japanese 231*
- Jewish Studies 201♦
- Korean 231*
- Landscape Architecture 367†
- Linguistics 201, 301 (311), 303
- Medieval and Renaissance Studies 210♦, 211*, 212♦, 213*, 214*, 215♦, 216*, 217*, 218*, 226♦, 240♦
- Modern Greek 241♦
- Near Eastern Languages and Cultures 241*, 244*, 294*(Au 2000), 311, 314*, 341, 344*, 345*, 351*, 360, 370*, 379
- Persian 241*
- Philosophy 101, 130, 230, 270, 336
- Portuguese 330*
- Romanian 235♦
- Russian 135*, 235*
- Slavic Languages and Literatures 130♦
- Spanish 150♦, 151*, 331*
- Turkish 241*
- Women's Studies 101 (201)
- Yiddish 241♦, 367††

4. Additional History

- African-American and African Studies 121*, 122*
- Economics 515*, 516*
- History 111♦, 112♦, 121*, 122*, 141*, 142*, 151, 152, 171*, 172*, 181*, 182*

Contemporary Issues (Select one - 5 hours)

- AED Econ 597.01
- Animal Sciences 597²
- Anthropology 597.01², 597.02², H597.03², 597.04²
- Biology 597
- City and Regional Planning 597
- Classics 597²
- Comparative Studies 597.01², 597.02²
- Communications 597.01
- English 597²
- ENR 597.02
- Evolution, Ecology & Org Bio 597.02
- Food Science & Technology 597.01, 597.02
- Geodetic Science 597
- Geography 597.01², 597.02²
- History 597²
- Hort & Crop Science 597²
- Human Development and Family Science 597.01, 597.02
- International Studies 597.01, 597.02
- Landscape Architecture 597²
- Linguistics 597.01², 597.02²
- Plant Pathology 597²
- Political Science 597.01², 597.02²
- Psychology 597.01, 597.02, 597.03
- Social Work 597
- Sociology 597.01², 597.02²
- Theatre 597

² This course is open to juniors

BACHELOR OF SCIENCE IN FOOD SCIENCE
New Freshmen and Transfer Students With 44 or Fewer Credit Hours
Entering OSU Summer 2007 and Thereafter

All students must complete two International Issues courses one of which must be a non-western or global course designated with an asterisk (). The other course may be another non-western or global course or a western (non-US) course designated with a diamond. Check ✓ when completed: * ____, *or ♦ ____.*

FAES 100 or USAS 100, etc.	1	History (See approved CFAES GEC list)	5
English 110.01	5		
Second Writing Course (See approved CFAES GEC list)	0-5	Arts and Literature (See approved CFAES GEC list)	10
Agr Comm 390 or Comm 321	5	Literature	5
Math 150 <u>and</u> 151	10	Visual/Performing Arts	5
Natural Sciences	46 45-48	Contemporary Issues (See approved CFAES GEC list)	5
Biology 113	5	Major (See below)	55-65
Chemistry 121, 122, 123, 251, 252	24 15	Internship (FD SC&TE 589)	5
Physics 111, 112	10	Free Electives	6-21 4-22
Biochemistry 511	5	TOTAL	183
Microbiology 509	5		
Chemistry 251 and 252 or 231 and 245	5-8		
Social Science	15		
AED Econ 200 or Econ 200	5		
Rural Soc 105 or Soc 101	5		
Additional Social Science (See approved CFAES GEC list)	5		

Major

55-65

Required:

Data Analysis	AED Econ 205 or AEE (was Agr Educ) 387 or Anim Sci 260 or H&CS 260 or ENR 222 or Stat 145	5
HUMN NTR	310 The Science of Food - Human Nutrition	5
FA&BE	481 Introduction to Food Process Engineering	4
FD SC&TE	401 Introduction to Food Processing	3
FD SC&TE	601 Food Analysis	5
FD SC&TE	605 Food Chemistry	4
FD SC&TE	621 Food Additives	3
FD SC&TE	630 Principles of Food Processing	4
FD SC&TE	632 Sensory Evaluation	4
FD SC&TE	636.01 Food Microbiology Lecture	3
FD SC&TE	636.02 Food Microbiology Lab	3
FD SC&TE	696 Technical Problem Solving	5

Electives Select 7-17 credit hours from the list below

FD SC&TE	541 Physical Properties of Food	4
FD SC&TE	610 Processing of Fluid Milk and Related Products	4
FD SC&TE	611 Cheese and Fermented Foods	4
FD SC&TE	613 Processing of Fruit and Vegetable Products	4
FD SC&TE	640 Food Regulations	3
FD SC&TE	648 Essentials of Food Plant Operation	3
FD SC&TE	649 Packaging Materials and Technology	4
FD SC&TE	650 Food Product Development	4
ANIM SCI	555.01 Advanced Meat Science	3
ANIM SCI	555.02 Meat Processing	4

3/1/08

8/16/07

GENERAL COLLEGE REQUIREMENTS

- A minimum of 183 total credit hours. (English 040, 050, 051, 052, 053, 060, 100.01, 100.02, 106, 107, 108, 109.01, and 109.02; Educ T & L 104, 105, 106, 107, 108; Mathematics 040, 050, 075, 076, 100, 102, 103, and 104; Speech and Hearing Science 035 and 040; do not count toward the 183-hour minimum requirement for the BS.)
- **ALL STUDENTS MUST COMPLETE TWO INTERNATIONAL ISSUES COURSES**, one of which must be a non-western or global course designated with an asterisk (*). The other course may be another non-western or global course (*) or a western (non-US) course designated with a diamond (♦).
- Students are encouraged to participate in a study abroad. Application of credits toward the degree are approved by the Assistant Dean, Academic Affairs.
- A minimum of 55-65 hours in the major with at least 20 hours taken from the department offering the major at OSU in the baccalaureate program.
- Courses in the major may **not** be taken pass/non-pass.
- Course work may include a maximum of six hours of physical activity courses (all 100-level courses except for 102, 103, 122, 137, and 138), and a maximum of 6 credit hours of campus music organizations.
- A minimum of 45 quarter hours of credit earned through regular course enrollment at this University, and regular course enrollment in the last quarter in the College of Food, Agricultural, and Environmental Sciences.
- A cumulative point-hour ratio of at least 2.00 on all course work completed at The Ohio State University as well as at least a 2.00 in the major and minor.
- A college maximum of ten hours of individual studies courses (x93) can be applied toward graduation although some majors may have a lower maximum.
- An internship of 3-5 hours is required. Any hours above five hours must count against the major. A college maximum of ten hours of internship credit can be applied toward graduation although some majors may have a lower maximum.
- A maximum of ten credit hours may overlap between **major** courses and the GEC (second writing, natural sciences, history, arts and literature and social sciences).
- A maximum of five credit hours may overlap between the **minor** and the GEC (second writing, natural sciences, history, arts and literature, social sciences, and contemporary issues).
- An application for degree must be filed in the College Office at least two quarters prior to the granting of the degree.
 - Autumn Quarter Graduation – 3rd week of Wi Qtr.
 - Winter Quarter Graduation – 3rd week of Sp Qtr.
 - Spring Quarter Graduation – 3rd week of Au Qtr.
 - Summer Quarter Graduation – 3rd week of Wi Qtr.

GENERAL EDUCATION CURRICULUM REQUIREMENTS**Second Writing (Select one - 5 hours)**

Select one course from the following list. Courses allowed to double count toward another GEC category are noted with a †.

- African-American and African Studies 367.02†, 367.03†, 367.04†
- Agricultural Communication 367
- Arabic 367
- Art Education 367.01†, 367.02, 367.03
- Communication (was J Comm) 367
- Comparative Studies 367.01, 367.02, 367.03, 367.04
- Dance H367.01
- Economics 367.01†, 367.02†
- Engineering 367
- English 367.01, 367.02†, 367.03†, 367.04, 367.05, 367.06, 367.07
- ENR 367
- German 367
- Human Development and Family Science 367
- Landscape Architecture 367
- Linguistics 367
- Modern Greek 367
- Nursing 367
- Philosophy 367
- Physics 367†
- Political Science 367.01†
- Psychology 367.01†, 367.02†
- Slavic Languages and Literatures 367
- Sociology H367.01†, 367.02†, H367.03†
- Spanish 367
- Theatre 367.01, 367.02†, 367.03
- Women's Studies 367.01†, 367.02†, 367.03†, 367.04†

Yiddish 367

Social Science (Select one - 5 hours)

- AED Econ 280*
- African-American and African Studies 201 (101), 218
- Animal Sciences 240
- Anthropology 201*, 202*, 421.08
- Communication (was J Comm) 101, 200, 431
- Economics 110.01, 110.02, 110.03, 201, 348, 367.01†, 367.02†
- ENR 400
- Family Resource Management 243, 340
- Geography 200*, 240*, H294 (Sp Qtr 2003)*, H410, 430, 450*, 460, 643*
- History 366.01*
- Human Development and Family Science 360, 361, 364
- International Studies 201*, 210♦, 215*, 230*, 231*, 235*, 240*, 245*, 250*, 280*, 356*
- Linguistics 170*, 270 (202), 371, 372 (361), 375* (365)
- Political Science 100*, 101, 145*, 165, 201, 210, 245*, 367.01†
- Psychology 100, 367.01†, 367.02†, 371
- Rural Sociology 378*
- Social Work 230
- Sociology 210, 345, H367.01†, 367.02†, H367.03†, 370, 380, 463, 466
- Speech & Hearing Science 330, 350
- Textiles and Clothing 372
- Women's Studies 110 (210)

Historical Survey (Select one - 5 hours)

- African-American and African Studies 121*
- Economics 515*
- History 111♦, 121*, 131* (withdrawn), 141*, 151, 171*, 181*
- Philosophy H111♦

Select two courses from the following lists, one course from the literature section and one course from the visual/performing arts section.

Arts and Literature (10 hours)**1. Literature (Select one - 5 hours)**

- African-American and African Studies 154, 251*, 254, 271, 345, 367.02 †, 367.03 †, 367.04 †, 551
- Arabic 371*, 372*
- Chinese 251*, 501*, 502*, 503*, 504*
- Classics 101♦, 102♦, 222♦
- Comparative Studies 100*, 201♦, 202.01*, 202.02*, 203♦, 204♦, 205, H240♦, 273♦, 294* (WI Qtr 2004), 301*, 306*, 308*, 314*
- English 201♦, 202♦, 220♦, 260, 261, 262, 275, 280, 281, 290, 291, 367.02 †, 367.03 †
- French 150♦, 151♦, 152*, 250
- German 250, 260.01♦, 260.02♦, 260.03♦, H263♦, 291♦, 292♦, 399♦
- Hebrew 370*, 372*, 373*, 374*, 378*
- Italian 151♦, 152♦, 251
- Japanese 251*, 252*
- Korean 251*
- Modern Greek 371♦
- NELC 271*, 371*, 372*, 374*
- Persian 370* 371*
- Philosophy 215*, 301♦, 302♦, 303♦, 304♦, 305♦, 306, 307♦
- Russian 250*, 251
- Scandinavian 222♦
- Slavic Languages and Literature 245♦
- Spanish 320♦, 321♦ 520*
- Theatre 367.02 †
- Turkish 371*, 372*
- Women's Studies 215, 367.01 †, 367.02†, 367.03†, 367.04 †, 372*
- Yiddish 371♦, 399♦

2. Visual/Performing Arts (Select one - 5 hours)

- Architecture 271¹
- Art 205 (170), 206 (172), 300.01, 300.02 (300), 340 (240), H455
- Art Education 160, 252, 367.01†
- Comparative Studies 358♦
- Dance 161, 200
- East Asian Lang and Lit 346
- English 263, 269
- Film Studies 270
- History of Art 201♦ and 202♦ (210♦, 211♦, 212♦), 213*, 216*, 260*, 300♦ (was 250), 301, 305, 315♦ (was 515), 316, 330 (was 530), 340, 345, 350, 360, 505*, 519♦, 520♦, 525♦, 576*, 582*
- Italian 221♦
- Korean 505
- Landscape Architecture 201
- Medieval & Renaissance Studies 219♦
- Modern Greek 268♦
- Music 250* (140), 251♦ (141), 252 (142), 253 (150), 288, 341, 345.01, 347¹, 348*, 349¹

- Philosophy 240, H242
- Physics H455
- Russian 360*
- Scandinavian 520♦
- Spanish 322♦, 330*, 380*
- Theatre 100, H101, 161, H230, 271, 280¹
- Women's Studies 230, 317

¹Note that this is a three credit course and by itself does not meet the minimum credit hour requirement for the Visual and Performing Arts.

Contemporary Issues (Select one - 5 hours)

- AED Econ 597.01
- Animal Sciences 597²
- Anthropology 597.01², 597.02², H597.03², 597.04²
- Biology 597
- City and Regional Planning 597
- Classics 597²
- Comparative Studies 597.01², 597.02²
- Communications 597.01
- English 597²
- ENR 597.02
- Evolution, Ecology & Org Bio 597.02
- Food Science & Technology 597.01, 597.02
- Geodetic Science 597
- Geography 597.01², 597.02²
- History 597²
- Hort & Crop Science 597²
- Human Development and Family Science 597.01, 597.02
- International Studies 597.01, 597.02
- Landscape Architecture 597²
- Linguistics 597.01², 597.02²
- Plant Pathology 597²
- Political Science 597.01², 597.02²
- Psychology 597.01, 597.02, 597.03
- Social Work 597
- Sociology 597.01², 597.02²
- Theatre 597

²This course is open to juniors

Jill Pfister

From: Jill Pfister [pfister.1@osu.edu]
Sent: Wednesday, February 20, 2008 10:03 AM
To: hadad.1@osu.edu
Cc: Jeff Culbertson; Denise Smith
Subject: Changes Related to Chemistry in the B.S. in Food Science Degree

Chris: The Food Science and Technology Department has requested to make a change in the Chemistry requirements for the B.S. in Food Science. There are several reasons but most recently it is the result of the change in the number of credit hours from 3 to 4 for Chem 251 and 252 as well as the content added to the courses. There are about 100 students following the B.S. in Food Science with a majority of the students being rank 3 and 4 students. The request has been approved by the College Committee on Academic Affairs and I am notifying you so you are not caught by surprise and to see if there are issues and concerns that we have not already addressed. The change is **bolded** below. Do you foresee any problems with this change? Please advise as soon as possible. Thanks so much.

Chem 121, 122, 123
Chem 251 and 252 **or Chem 231 and 245**
Biochem 511

Jill A. Pfister

Assistant Dean, Academic Affairs
Honors Director and College Secretary
100 Agricultural Administration
2120 Fyffe Road
Columbus, OH 43210

(614)292-1734
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Thanks so much for your quick response and we are excited about working with you. We thought about many of the items you listed. You would never get all 100 students at one time so that is not an issue. We expect some to remain in 251, 252 and those you would get in Chem 231 would be spread over two or three offerings.

Jeff Culbertson will be contacting you about the possibility of an Autumn offering. I appreciate your opening the door for that to be possibility. We talked about Autumn being a better quarter for the curriculum.

We have had some students move from 231 to Biochem 511 and they have done well but it is a small sample. At this point we are trying to develop a second organic chemistry option that in the long run might be better for some of our Food Science students based on the jobs they are securing.

We look forward to continued discussion. Thanks for your support.

Jill A. Pfister
Assistant Dean, Academic Affairs
Honors Director and College Secretary
100 Agricultural Administration
2120 Fyffe Road
Columbus, OH 43210

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-----Original Message-----

From: Christopher M. Hadad [mailto:hadad@chemistry.ohio-state.edu]
Sent: Wednesday, February 20, 2008 12:53 PM
To: Jill Pfister
Cc: Jeff Culbertson; Denise Smith; mbailey@chemistry.ohio-state.edu
Subject: Re: Changes Related to Chemistry in the B.S. in Food Science Degree

At 10:02 AM -0500 2/20/08, Jill Pfister wrote:

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>make a change in the Chemistry requirements for the B.S. in Food
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Dear Jill and others,

A few thoughts about this change -- some of which I had expressed earlier to you for consideration.

(1) Chem 231 is only offered (at present) in the spring quarter. The room size for spring quarter 2008 is only 112, but a typical enrollment is 60. Should all of your 100 students choose to take this course in such a spring quarter, we would have problems with demand vs capacity.

Also, completion of Chem 231 is a pre-requisite for taking Chem 245. So, if Chem 231 was taken in the spring quarter, then Chem 245 would be summer or later. Chem 245, however, is offered all 4 quarters. Also, since Biochem 511 requires Chem 231 as a pre-requisite, completion of 231 is required. Biochem 511 is also offered all 4 quarters of the academic year.

If you anticipate a surge in our Chem 231 enrollment, the question is whether we should ask for a bigger room in spring quarter or whether we should offer additional sections in other quarters.

==> Since your students are currently taking Chem 251/252 on cycle (fall/winter or winter/spring), what is the best quarter for your students to take Chem 231?

Should I try to see if a Chem 231 class could be offered in autumn or winter quarter in order to complement the spring offering or should I plan on increasing the room size for a spring offering?

Those are my only concerns about scheduling issues.

(2) My last concern relates to the preparedness of the students for Biochem 511. I do not have information about whether the Biochemistry faculty know of a correlation of performance between students who have taken Chem 231 vs 251/252 in terms of their success in Biochem 511. That is a question to ask Gary Means and his colleagues in Biochemistry.

Please let me know your thoughts about scheduling Chem 231 in the different quarters.

Thanks,

Christopher

Vice Chair for Undergraduate Studies/Chemistry
(614) 292-1204

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Jill Pfister

From: Jeff Culbertson [culbertson.34@osu.edu]
Sent: Wednesday, February 20, 2008 6:00 PM
To: Christopher M. Hadad
Cc: Denise Smith; Jill Pfister
Subject: Re: CHEM requirements for Food Science Students

Chris--

Unfortunately I don't think Food Science enrollments by themselves have enough horsepower to merit a section of 231 for Autumn. If Jill and Denise are OK with it, I will poll our undergrads and see how many would actually be able and interested in taking it. I would guess at 15-20. Of course, there would be others from other disciplines that would be interested, but I don't know how to estimate that input. I will send out an email tomorrow unless I hear an objection and try to get a number for you. Congratulations on your 251 and 252 enrollments-- nothing like student demand. We can obviously live with the Spring offering for now and are glad to be able to participate in planning for the future. Thank you for considering our needs.

Jeff

Jeff Culbertson, PhD
Professor: Food Science and Technology
Ohio State University
315 Parker Bldg 2015 Fyffe Road
Columbus, OH 43210
6146884219

----- Original Message -----

From: "Christopher M. Hadad" <hadad@chemistry.ohio-state.edu>

Date: Wednesday, February 20, 2008 5:39 pm

Subject: Re: CHEM requirements for Food Science Students

>
> Dear Jeff and Jill,
>
> Thanks to both of you for your information.
>
> I will have to consult with the rest of the organic faculty (I am
> one
> of them too) to see if Chem 231 could be offered in autumn 2008.
>
> I presume that you would like to see that course offered starting
> this autumn if at all possible. Please correct me if I am wrong.
>
> I just don't know if we will have enough faculty to teach the

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> extra
> course. Starting this autumn 2008, we are going to offer an
> additional section of Chem 251 in autumn quarter in order to
> handle
> the surging demand for 251 enrollments (predominantly from the
> College of Biological Sciences). That offering will be our 6th
> section of 251 (including Honors and night) for autumn. I expect
> that we will have to offer an additional section of 252 in winter
> and
> 253 in spring.
>
> I just don't know how many courses can be taught effectively with
> the
> limited number of faculty.
>
> ** However, I am happy to bring up the topic with the faculty. **
>
> But the deadline for room allocations for autumn 2008 was a few
> weeks
> ago, so at this point, please tell me if you think that we should
> try
> 231 in autumn 2008, what the possible enrollment might be, and I
> will
> see what I can do.
>
> Please advise.
>
> Thanks,
>
> Christopher
>
>
>
> At 1:53 PM -0500 2/20/08, Jeff Culbertson wrote:
> >Hello Chris--
> >
> >I have been following the dialog along and thought I would add
> our FST
> >thoughts to the mix. Also, I would like to add our pleasure at
> being able
> >to dialog about this and other issues.
> >
> >Here are some thoughts:
> >
> >1) Given the number of food science majors (around 70 now) -- I
> expect it
> >would only be about 15-20 Food Science students per year that
> would need
> >231. We are growing, but I think there will still be 25-30% or
> so who still
> >opt for the 251-252 series.

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>>
>>2) Since our students take the 121,122,123 series, usually
> through their
>>freshman year, it would be wonderful if we could have an Autumn
> offering of
>>231 which would then allow them to take 245 in the Winter or
> Spring. They
>>could also opt to take BioChem 511 in the Winter or Spring after
> taking 231,
>>which would really give them a leg up for their food analysis
> (FST 601) and
>>food chemistry (FST 605) courses the following (Junior) year.
>>
>>3) The preparedness factor for Biochem 511 is still a mystery
> from my
>>perspective. We don't have the data yet, but I suspect it might
> be OK. We
>>have been signing many Food Science majors with GPAs in the 3.3-
> 3.5 range
>>(this is after completing the 121-123 series) so perhaps they
> might not have
>>a problem due to maturity, good study habits, etc. We certainly
> don't want
>>to jeopardize their success in 511.
>>
>>Regards,
>>
>>Jeff
>>
>>Jeff Culbertson, PhD
>>Professor: Food Science and Technology
>>Coordinating Advisor: Food Science
>>The Ohio State University
>>315 Parker 2015 Fyffe Road
>>Columbus, OH 43210-1007
>>614-688-4219
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