## Approved by Faculty Senate 2/11/10

UNDERGRADUATE AND PROFESSIONAL MAJOR CHANGE BULLETIN NO. 4
Fall 2009

## ---REQUIREMENTS---

The requirements listed below reflect the undergraduate major curricular changes approved by the Catalog Subcommittee since approval of the last Undergraduate Major Change Bulletin. All curricula are printed in their entirety under the headings Current and Proposed, respectively. The column to the far right indicates the date each change becomes effective.

| Heading | Current |  | Proposed | Effective <br> Date |
| :---: | :---: | :---: | :---: | :---: |
| Agricultural \& Food Systems, New minor in Agricultural Systems | --N/A-- |  | The minor in Agricultural Systems requires a minimum of 18 hours, 9 of which must be upper-division and taken in residence at WSU or through WSU-approved education abroad or educational exchange courses. The requirements are 6 hours from A S 101, AFS 101, CropS/Hort 102, and SoilS 101; 3 hours from CropS/Hort 202, EconS 101 and SoilS 201; and 3 hours each from three of four areas: Biotic Influences on Crop Production, Economic Aspects of Agricultural Systems, Sustainability, and Production. See department for an approved list of courses. | 8-10 |
| Apparel, Merchandising, Design and Textiles, revise graduation requirements in Apparel Design option | First Year <br> First Term <br> AMT 108 <br> Engl 101 [W] (GER) <br> FA $101[\mathrm{H}]$ (GER) recommended <br> GenEd 110 [A] (GER) <br> Soc 101 [S,D] or <br> Psych 105 [S] (GER) <br> recommended <br> Second Term <br> AMT 208 <br> ComSt 102 [C] or <br> H D 205 [C] (GER) recommended <br> F A 110 or 111 <br> GenEd 111 [A] (GER) <br> MBioS 130 [B] (GER) <br> recommended | Hours <br> 3 <br> 3 <br> 3 <br> 3 <br> 3 <br> Hours <br> 3 <br> 3 <br> 3 <br> 3 <br> 3 |  | 8-10 |


|  | Second Year |  | Second Year |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | First Term | Hours | First Term | Hours |  |
|  | AMT 210 | 4 | AMT 210 |  |  |
|  | AMT 211 | 3 | AMT 211 | 3 |  |
|  | AMT 220 | 3 | AMT 220 | 3 |  |
|  | Stat 212 [N] (GER) recommended | 4 | Stat 212 [N] (GER) recommended | 4 |  |
|  | Second Term | Hours | Second Term | Hours |  |
|  | AMT 315 | 3 | AMT 212 | 3 |  |
|  | AMT 368 | 3 | AMT 368 | 3 |  |
|  | Physical Sciences [P] (GER) | 3 or 4 | Physical Sciences [P] (GER) | 3 or 4 |  |
|  | EconS 101 [S] or 102 [S] (GER) | 3 | EconS 101 [S] (GER) | 3 |  |
|  | Elective | 3 | Elective | 3 |  |
|  | Complete Writing Portfolio |  | Complete Writing Portfolio |  |  |
|  | Third Year |  | Third Year |  |  |
|  | First Term | Hours | First Term | Hours |  |
|  | AMT 311 | 3 | AMT 311 | 3 |  |
|  | AMT 314 | 3 | AMT 314 | 3 |  |
|  | $\text { AMT } 410$ | 3 | $\text { AMT } 410$ | 3 |  |
|  | AMT Elective | 3 | AMT Elective | 3 |  |
|  | Intercultural Studies [I,G,K] (GER) | 3 | Intercultural Studies [I,G,K] (GER) |  |  |
|  | Second Term | Hours | Second Term | Hours |  |
|  | Biological Sciences [B] (GER) | 3 or 4 | Biological Sciences [B] (GER) | $3 \text { or } 4$ |  |
|  | AMT 312 | 3 | AMT 312 | 3 |  |
|  | AMT 420 [M] | 3 | AMT 420 [M] | 3 |  |
|  | Mktg 360 | 3 | Mktg 360 | 3 |  |
|  | Electives | 3 | Electives | 3 |  |
|  | Fourth Year |  | Fourth Year |  |  |
|  | First Term | Hours | First Term | Hours |  |
|  | AMT 318 | 3 | AMT 318 |  |  |
|  | AMT 411 | 3 | AMT 411 |  |  |
|  | AMT 490 or AMT Electives | 6 | AMT 490 or AMT Electives |  |  |
|  | $\text { AMT } 492$ | 3 | $\text { AMT } 492$ |  |  |
|  | Tier III Course [T] (GER) | 3 | Tier III Course [T] (GER) | 3 |  |
|  | Second Term | Hours | Second Term | Hours |  |
|  | AMT 412 | 3 | AMT 412 | 3 |  |
|  | $\text { AMT } 413 \text { [M] }$ | 3 | $\text { AMT } 413 \text { [M] }$ | 3 |  |
|  | $\text { AMT } 417 \text { [M] }$ | 3 | $\text { AMT } 417 \text { [M] }$ | 3 |  |
|  | $\text { AMT } 496$ | $4$ | Electives | 4 |  |
|  | Electives | 3 |  |  |  |
| Apparel, Merchandising, Design and | First Year <br> First Term | Hours | First Year <br> First Term | Hours | 8-10 |



|  | Tier III Capstone Course (GER) 3 <br> Electives $^{1}$ 9 <br> Second Term Hours <br> AMT $413[\mathrm{M}]$ 3 <br> AMT 440 3 <br> AMT 450 3 <br> Electives $^{1}$ 7 <br> Footnotes  <br> 1 A maximum of 9 hours of electives may <br> be taken at the $100-200$ level.  | Tier III Capstone Course (GER) 3 <br> Electives $^{1}$ 9 <br> Second Term Hours <br> AMT $413[\mathrm{M}]$ 3 <br> AMT 430  <br> AMT 440 $\underline{3}$ <br> AMT 450 3 <br> Electives $^{1}$ $\underline{4}$ <br> Footnotes  <br> 1 A maximum of 9 hours of electives may <br> be taken at the $100-200$ level.  |  |
| :---: | :---: | :---: | :---: |
| Chemistry, drop option in Environmental Chemistry |  | --N/A-- | 8-10 |


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| Chemistry, | Chemistry - General Option ( 120 Hours) | Chemistry - Professional Option (120 Hours) | 8-10 |

change name of General option to Professional and revise graduation requirements in Professional (general) option

The requirements for all chemistry options are the same through the first semester of the junior year.

| First Year |  | First Year |  |
| :---: | :---: | :---: | :---: |
| First Term | Hours | First Term | Hours |
| Chem 105 [P] (GER) or 1151 | 4 | Chem 105 [P] (GER) or 1154 | 4 |
| Engl 101 [W] (GER) | 3 | Engl 101 [W] (GER) | 3 |
| GenEd 110 [A] (GER) | 3 | GenEd 110 [A] (GER) | 3 |
| Math 171 [ N (GER) | 4 | Math 171 [N] (GER) | 4 |
| Second Term | Hours | Second Term | Hours |
| Biol 106 [B] (GER) | 4 | Biol 106 [B] (GER) | 4 |
| Chem 106 [P] (GER) or 1161 | 4 | Chem 106 [P] (GER) or $116^{1}$ | 4 |
| GenEd 111 [A] (GER) | 3 | GenEd 111 [A] (GER) | 3 |
| Math 172 | 4 | Math 172 | 4 |
| Second Year |  | Second Year |  |
| First Term | Hours | First Term | Hours |
| Arts \& Humanities [H,G] (GER) | 3 | Arts \& Humanities [H,G] (GER) | 3 |
| Chem 345 | 4 | Chem 345 | 4 |
| Math 220 | 2 | Math 220 | 2 |
| Math 273 | 2 | Math 273 | 2 |
| Phys 201 [P] (GER) | 4 | Phys 201 [P] (GER) | 4 |
| Second Term | Hours | Second Term | Hours |
| Chem 220 | 2 | Chem 220 | 2 |
| Chem 346-348 | 4 | Chem 346/348 | 4 |
| Chem 347 | 2 | Chem 347 | 2 |
| Phys 202 [P] (GER) | 4 | Phys 202 [P] (GER) | 4 |
| Social Sciences [S,K] (GER) | 3 | Social Sciences [S,K] (GER) | 3 |
| Complete Writing Portfolio |  | Complete Writing Portfolio |  |
| Third Year |  | Third Year |  |
| First Term | Hours | First Term | Hours |
| Chem 222 | 2 | Chem 222 | 2 |
| Chem 330 | 1 | Chem 330 | 1 |
| Chem 331 | 3 | Chem 331 | 3 |
| Chem 398 | 1 | Chem 398 | 1 |
| Intercultural Studies [I,G,K] (GER) | 3 | Intercultural Studies [I,G,K] (GER) | 3 |
| MBioS 303 | 4 | MBioS 303 | 4 |
| Second Term | Hours | Second Term | Hours |
| Arts \& Humanities [H,G], Intercultural Studies [I,G,K], or Social Sciences [S,K] (GER) | 6 | Arts \& Humanities [H,G], Intercultural Studies [I,G,K], or Social Sciences [S,K] (GER) | 6 |
| Chem 332 | 3 | Chem 332 | 3 |
| Chem 333 | 1 | Chem 333 | 1 |
| Chem 425 | 2 | Chem 425 | 2 |

The requirements for all chemistry options are the same through the first semester of the junior year.

## First Year

Biol 106 [B] (GER) 4
Cen lil
Math 1724
Second Year

Arts \& Humanities [H,G] (GER) 3
Chem 345 - 4
Math $220 \quad 2$
Math $273 \quad 2$

Second Term Hours
Chem $220 \quad 2$
Chem 346 / $348 \quad 4$
Chem 347 2
Phys 202 [P] (GER) 4

Complete Writing Portfolio
Third Year
First Term Hours
Chem $222 \longrightarrow \quad 2$

Chem 331 3
Chem 398 1
Intercultural Studies [I,G,K] (GER) 3
MBioS 3034
Second Term
Arts \& Humanities [H,G],
Intercultural Studies [I,G,K], or 6
Social Sciences [S,K] (GER)

Chem 3331
Chem $425 \quad 2$

|  | Chem 499 <br> Elective <br> Fourth Year <br> First Term <br> Arts \& Humanities [H,G] or Social Sciences [S,K] (GER) <br> Chem 334 [M] <br> Chem 401 <br> Chem 426 <br> Chem 499 (recommended) <br> Elective <br> Second Term <br> Chem 410 [M] <br> Chem 495 <br> Chem Electives2 <br> Engl 301 [W] or 402 [W] (GER) <br> Tier III [T] Course (GER) <br> Elective <br> Footnotes <br> 1 Highly qualified students are e to take Chem 115 and 116 in pl Chem 105 and 106. Students w taken Chem 101 must take Che 106, or 102 and 106. <br> 2 Electives include: Chem 415, 422, 424, 427, 430, 461, 480, 517,518 , and other 500-level E 341, 401, 415; Geol 102, 350 480, 483; SoilS 201, 301, 415, ES/RP 101, 150, 406, 445, Bio 370; BSysE 351; microbiology | Hours <br> 3 <br> 2 <br> 3 <br> 2 <br> 2 <br> 3 <br> Hours <br> 3 <br> 1 <br> 3 <br> 3 <br> 3 <br> 3 <br> ncouraged lace of ho have m 105 and <br> 16, 421, 81, 514, <br> courses; C <br> , 403, 475 <br> 416, 421; <br> 372; Phil courses. | Chem 499 <br> Elective <br> Fourth Year <br> First Term <br> Arts \& Humanities [H,G] or Social Sciences [S,K] (GER) <br> Chem 334 [M] <br> Chem 401 <br> Chem 426 <br> Chem 499 <br> Elective <br> Second Term <br> Chem 410 [M] <br> Chem 495 <br> Chem Electives2 <br> Engl 301 [W] or 402 [W] (GER) <br> Tier III [T] Course (GER) <br> Elective <br> Footnotes <br> 1 Highly qualified students are en to take Chem 115 and 116 in pl Chem 105 and 106. Students w taken Chem 101 must take Che 106 , or 102 and 106. <br> 2 Electives include: Chem 415, 4 422, 424, 427, 430, 461, 480, 4 517,518 , and other $500-\mathrm{level}$ c E 341, 401, 415; Geol 102, 350 480, 483; SoilS 201, 301, 415, ES/RP 101, 150, 406, 445, Bio 370; BSysE 351; microbiology | 1 3 Hours 3 2 3 2 2 3 Hours 3 1 3 3 3 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Chemistry, revise graduation requirements in Materials option | Fourth Year <br> First Term <br> Arts \& Humanities [H,G] or Social Sciences [S,K] (GER) <br> Chem 334 [M] <br> Chem 401 <br> Chem 499 (recommended) <br> MSE 302 <br> MSE 320 <br> Tier III [T] Course (GER) <br> Second Term | Hours <br> 3 <br> 2 <br> 3 <br> 2 <br> 3 <br> 2 <br> 3 <br> Hours | Fourth Year <br> First Term <br> Arts \& Humanities [H,G] or Social Sciences [S,K] (GER) <br> Chem 334 [M] <br> Chem 401 <br> Chem 499 <br> MSE 302 <br> MSE 320 <br> Tier III [T] Course (GER) | Hours <br> 3 <br> 2 <br> 3 <br> 2 <br> 3 <br> 2 <br> 3 | 8-10 |


|  | Chem 410 [M] 3 <br> Chem 480 3 <br> Chem 495 1 <br> Engl 301 [W] or 402 [W] (GER) 3  <br> MSE 321 3 <br> Elective 2 | Second Term <br> Chem 410 [M] <br> Chem 480 <br> Chem 495 <br> Engl 301 [W] or 402 [W] (GER) <br> MSE 321 <br> Elective | Hours <br> 3 <br> 3 <br> 1 <br> 3 <br> 3 <br> 2 |  |
| :---: | :---: | :---: | :---: | :---: |
| Economic <br> Sciences, revise graduation requirements in Agricultural Economics option | Third Year  <br> First Term Hours <br> EconS $300-400$-level Elective 3  <br> EconS 311 [M] 3 <br> EconS 351 3 <br> Electives 6 <br> Second Term Hours <br> EconS 300-400-level Elective 3  <br> EconS 350 or 352 3 <br> Electives 9 <br>   <br> Fourth Year  <br> First Term Hours <br> EconS 450 or 452 3 <br> EconS 483, 497, or 499 3 <br> EconS 490 [M] 3 <br> Engl 402 [W] (GER) 3 <br> Electives 3 <br> Second Term Hours <br> EconS 400-level Elective 3 <br> EeonS 454 3 <br> Tier III Course [T] (GER)2 3 <br> Electives 6 | Third Year <br> First Term <br> EconS 300-400-level Elective <br> EconS 311 [M] <br> EconS 350 <br> EconS 351 <br> Elective <br> Second Term <br> EconS 300-400-level Elective <br> EconS Option Elective <br> Electives <br> Fourth Year <br> First Term <br> EconS Option Elective <br> EconS 483, 495, 497, or 499 <br> EconS 490 [M] <br> Engl 402 [W] (GER) <br> Elective <br> Second Term <br> EconS 400-level Elective <br> Tier III Course [T] (GER)2 <br> Electives | Hours <br> Hours 3 3 3 3 3 Hours 3 3 $\underline{9}$ | 8-10 |
| Economic <br> Sciences, revise graduation requirements in Business Economics option | Second Year <br> First Term <br> ComSt 102 [C], 324 [C], or <br> H D 205 [C] (GER) <br> EconS 301 <br> Intercultural Studies [I,G,K] 3 <br> (GER) <br> Physical Sciences [P] (GER) 3 or 4 <br> Social Sciences [S,K] (GER) ${ }^{2} 3$ | Second Year <br> First Term <br> Hour <br> ComSt 102 [C], 324 [C], or <br> H D 205 [C] (GER) <br> EconS 301 <br> Intercultural Studies [I,G,K] <br> (GER) |  | 8-10 |


|  | Second Term Hours <br> Arts \& Humanities [H,G] or 3 <br> Social Sciences [S,K] (GER) 2 <br> EconS 302 3 <br> EconS 335 3 <br> Stat 212 [N] (GER) or 4 <br> MgtOp 215 Z <br> Elective  <br> Complete Writing Portfolio  <br> Third Year Hours <br> First Term 3 <br> EconS 300-400-level Elective 3  <br> EconS 311 [M] 3 <br> EconS 352 6 <br> Electives Hours <br> Second Term 9 <br> EconS 300-400-level Elective 3  <br> EconS Option Requirement 3 <br> Electives 9 <br> Fourth Year Hours <br> First Term 3 <br> EconS 300-400-level Elective 3 <br> EconS 483, 497, or 499 3 <br> EconS Option Requirement 3 <br> Engl 402 [W] (GER) 3 <br> Electives 3 <br> Second Term Hours <br> EconS 400-level Elective 3 <br> EconS 490 [M] 3 <br> Tier III Course [T] (GER)2 3 <br> Electives 6 <br>   | Physical Sciences [P] (GER) 3 or 4 <br> Social Sciences [S,K] (GER) 2 <br> Second Term Hours <br> Arts \& Humanities [H,G] or 3 <br> Social Sciences [S,K] (GER) 2 <br> EconS 302 3 <br> EconS 300-400-level Elective $\underline{3}$  <br> Stat 212 [N] (GER) or 4 <br> MgtOp 215 $\underline{3}$ <br> Elective  <br> Complete Writing Portfolio  <br> Third Year Hours <br> First Term $\underline{9}$ <br> EconS 300-400-level Elective 3 <br> EconS 311 [M] 3 <br> Electives $\underline{3}$ <br> Second Term $\underline{3}$ <br> EconS 335 $\underline{3}$ <br> EconS 352  <br> EconS 300-400-level Elective 3 <br> EconS Option Requirement 3 <br> Elective $\underline{3}$ <br> Fourth Year $\underline{3}$ <br> First Term 3 <br> EconS 452 3 <br> EconS 483, 495, 497, or 499 3 <br> EconS Option Requirement 3 <br> Engl 402 [W] (GER) 3 <br> Elective 3 <br> Second Term 3 <br> EconS 400-level Elective 3 <br> EconS 490 [M] 3 <br> Tier III Course [T] (GER)2 3 <br> Electives 6 |  |
| :---: | :---: | :---: | :---: |
| Economic <br> Sciences, revise graduation requirements in Financial Markets option | Third Year  <br> First Term Hours <br> EconS $311[\mathrm{M}]$ 3 <br> EconS 320 3 <br> Intercultural Studies [I,G,K] (GER) 3 <br> Electives 6 <br> Second Term Hours <br> EconS 300-400-level Elective 3 <br> Electives 9 | Third Year  <br> First Term Hours <br> EconS $311[\mathrm{M}]$ 3 <br> EconS 320 3 <br> Intercultural Studies [I,G,K] (GER) 3 <br> Electives 6 <br> Second Term Hours <br> EconS 300-400-level Elective 3 <br> Electives 9 | 8-10 |


|  | Fin 325 or Ecens 335 <br> Fourth Year <br> First Term <br> EconS 300-400-level Elective <br> EconS 420 <br> EconS 483, 497, or 499 <br> Engl 402 [W] (GER) <br> Electives <br> Second Term <br> EconS 400-level Elective <br> EconS 490 [M] <br> EconS Option Elective <br> Tier III Course [T] (GER)3 <br> Electives | 3 Hours 3 3 3 3 3 Hours 3 3 3 3 3 | Fin 325 <br> Fourth Year <br> First Term <br> EconS 300-400-level Elective <br> EconS 420 <br> EconS 483, 497, or 499 <br> Engl 402 [W] (GER) <br> Electives <br> Second Term <br> EconS 400-level Elective <br> EconS 490 [M] <br> EconS Option Elective <br> Tier III Course [T] (GER)3 <br> Electives | Hours <br> 3 <br> 3 <br> 3 <br> 3 <br> 3 <br> Hours <br> 3 <br> 3 <br> 3 <br> 3 <br> 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Economic Sciences, revise graduation requirements in all options | Fourth Year  <br> First Term Hours <br> EconS 300-400-level Elective 3 <br> EconS 483, 497 or 499 3 <br> EconS Option Requirement 3 <br> Engl 402 [W] (GER) 3 <br> Electives 3 <br> Second Term Hours <br> EconS 400-level Elective 3 <br> EconS 490 [M] 3 <br> Tier III Course [T] (GER)2 3 <br> Electives 6 |  | Fourth Year <br> First Term <br> EconS 300-400-level Elective <br> EconS 483, 495, 497 or 499 <br> EconS Option Requirement <br> Engl 402 [W] (GER) <br> Electives <br> Second Term <br> EconS 400-level Elective <br> EconS 490 [M] <br> Tier III Course [T] (GER)2 <br> Electives | Hours <br> 3 <br> 3 <br> 3 <br> 3 <br> 3 <br> Hours <br> 3 <br> 3 <br> 3 <br> 6 | 8-10 |
| Interior Design, revise graduation requirements | First Year <br> First Term <br> Engl 101 [W] (GER) <br> GenEd 110 [A] (GER) <br> I D 101 <br> I D 197 <br> Math Proficiency [N] (GER) ${ }^{1}$ <br> Second Term <br> GenEd 111 [A] (GER) <br> I D 102 <br> I D 297 <br> Intercultural Studies [I,G,K] (GER) <br> Tier I Science [B,P,Q] (GER) <br> Second Year | Hours <br> 3 <br> 3 <br> 3 <br> 3 <br> 3 <br> Hours <br> 3 <br> 3 <br> 3 <br> 3 <br> 4 | First Year <br> First Term <br> Engl 101 [W] (GER) <br> GenEd 110 [A] (GER) <br> I D 101 <br> I D 197 <br> Math Proficiency [N] (GER) <br> Second Term <br> GenEd 111 [A] (GER) <br> I D 102 <br> I D 297 <br> Intercultural Studies [I,G,K] ( <br> Tier I Science [B,P,Q] (GER) <br> Second Year |  Hours <br>  3 <br>  3 <br>  3 <br> 1 3 <br> 1 3 <br>   <br>  Hours <br>  3 <br>  3 <br>  3 <br> GER)  | 8-10 |




