

University Courses & Curricula Committee 2016-2017

January 11th, 2017
Talley Student Union 4140
12:45pm-2:45pm

Call to Order 12:45pm

- Welcome and Instructions, Chair Andy Nowel
- Remarks from Associate Vice Provost, Dr. Barbara Kirby
- Approval of UCCC December 14th, 2016 Minutes
- Course and Curricular Business

New Business

Consent Agenda		
Action	Type	Notes
Elementary Education: Science, Technology, Engineering and Math (13ELMEDBS-13ELMEDSTM)	Revision	Rescheduling existing course requirements in 8 semester display.
Healthcare Product Management Minor	Drop	Minor being dropped from Textiles
FOR 204 Silviculture	Revision	Prerequisite changes
FOR 264 Forest Wildlife		
FOR 265 Fire Management		
FOR 304 Theory of Silviculture		
FOR/NR 420/(520) Watershed and Wetlands Hydrology		
NR 400/(500) Natural Resource Management		
NR 484 Environmental Impact Assessment		

College of Textiles			
Presenter	Reviewers	Action	Type
Hergeth	Hessling, Ferguson, Fath	Fashion and Textile Design; Fashion Design 18FTDBS-18FTDFAS	Revisions
	Klesath, Beller, Orphanides	Fashion and Textile Design; Textile Design 18FTDBS-18FTDTEX	

College of Agriculture and Life Sciences			
Presenter	Reviewers	Action	Type
Trivedi	Despain, Fath, Lindsay	AGI 100 Enhancing Academic Success	New Course
Trivedi	Peretti, Lindsay, Beller	ANS 110 Introduction to Equine Science	Revisions: SLO, description
Trivedi	Banks, Podurgal, Young	ANS/HS 215 Agricultural Genetics	Revisions: SLO, description
Tarpy	Ferguson, Hergeth, Peretti	FM 460 Feed Mill Operations and Leadership	Revisions: SLO, hours, requisites
Tarpy	Hergeth, Banks, Driscoll	PO 421 Commercial Egg Production	Revisions: SLO, hours, offering, description

SLO= Student Learning Outcomes

Discussion: Syllabus Availability Subcommittee will meet briefly after the meeting adjourns.

Notes:

- All linked course actions are viewable in CIM.
- To view actions, please click on the hyperlink. You may need to use your Unity ID to log in.
- If you experience issues logging in, please go to <https://next-catalog.ncsu.edu/courseadmin/> and type the course prefix and number into the search bar.

University Courses and Curricula CommitteeDecember 14th 2016
Talley Student Union 4140
Call to Order: 12:46 pm

Members Present: Chair Andy Nowel, Alton Banks, Amanda Beller, Scott Despain, Catherine Driscoll, Helmut Hergeth, Marta Klesath, David Tarpy, Shweta Trivedi, Mian Wu, Elizabeth Fath, Andreas Orphanides, Kathleen Rieder, Steven Peretti, Richard Podurgal, Daniel Harper, Scott Ferguson, Peter Hessling

Members Absent: Michael Robinson, Edwin Lindsay, Greg Young

Ex-Officio Members Present: Li Marcus, Lexi Hergeth, Barbara Kirby, Charles Clift, Rebecca Swanson, and Kevin Burge

Guests: Jane Lubischer, Roshaunda Breeden, Marsha Pharr, Mike Mullen

WELCOME AND INTRODUCTIONS

- **Remarks from Chair**— Chair Andy Nowel introduced the guests and thanked Dr. Mullen for lunch.
- **Dr. Barbara Kirby, Associate Vice Provost-** Thanked the committee for their service this semester and introduced the Syllabus Availability bill from student senate. Members should bring this bill to the colleges and bring feedback. Dr. Kirby described the purpose of the syllabus availability committee and its work to date. The subcommittee will further discuss the student senate bill. She noted the list of other institutions making syllabi available and encouraged members to look at how they provide the syllabi.
- **Dr. Mike Mullen, Vice Chancellor and Dean-** Dr. Mullen gave a brief introduction of his role in DASA and thanked the committee for their dedication to the committee.
- **Approval of the Minutes from November 16th 2016 – Approved Unanimously**
 - Discussion: Member Alton Banks moved to approve. Minutes from the previous meeting were presented and approved without further discussion.

NEW BUSINESS

- **Consent Agenda—Approved Unanimously**

Discussion: Member Steve Peretti moved to approve. Member asked why all the HESS courses are being dropped, member responded that both instructors have left the University and the department decided to drop the courses. Member asked if there are other avenues for students to learn this EMS/Emergency, member responded there are a few courses left, however if students would like to receive the EMS certification they will need to take certification courses at the other locations in Raleigh.
- **FL/ECI 427/(FL 527) Methods and Materials in Teaching English as a Second Language- Approved Pending**

Discussion: Member Catherine Driscoll presented the course. Member made a friendly suggestion to reformat the syllabus using the syllabus tool because the titles did not stand out and the format could be confusing. Member also suggested excluding the highlighted Graduate student expectations. Member asked for clarification on the grading rubric, which indicates that following instructions perfectly will equate to a 95%. The committee suggesting including "at least" or "minimum" to clarify that a 95% is not the highest possible score and suggested including a rounding statement. Member asked for clarification on the number of excused absences and limitations. Dr. Kirby explained that the instructor has the prerogative to set the appropriate number of absences attendance this way because if a student will miss several classes due to pre-determined excused events in a semester, they may not want to take it during a different semester. Member asked for clarity on participation the statement that "If you have 0 on 30% of your assignments...". Member questioned the use of highlighting. Members discussed if these suggestions are things that the committee should be reviewing and discussed the focus on fine details that has evolved within the committee, consensus is no. Members discussed using only one syllabus for a dual level course and the requirements for undergraduate and graduate level syllabi.
- **FLC 402 Advanced Chinese: Readings in Literature and Science— Approved Unanimously**

Discussion: Member Scott Despain presented the course.

- **Dance Minor (24DANM)–Approved Unanimously**
Discussion: Member Beth Fath presented the curricula revision.
- **USC 107 College Success for the Pre-College Student–Approved Unanimously**
Discussion: Member Amanda Beller presented the course. Guest Roshaunda Breeden explained the program working with seniors in HS and the Summer between HS Senior year and Freshman year of college. Work with students, primarily first generation college students to bring attention to the opportunities and provide resources to students during the “forgotten summer” before beginning college. Member asked why this is an official university course. Guest Marsha Pharr explained the TRIO program has this course during the summer when students are enrolling. Marsha explained that some students come to NCSU and some go to other institutions. Member explained that university courses have more explicit requirements. Member asked if this course could be a requirement for first generation students. Guests responded that as of now it’s not a requirement but is something to consider in the future. Member suggested to create an online hybrid course so the students currently only being hosted at the university. Dr. Kirby spoke on the unique opportunity for this course and explained that a one credit course that will be a free elective to the transition to college is not uncommon. Member asked if veterans would be considered, guest responded that the talent search candidates only are considered at this time. Member asked about how financial aid and other financial aspects are covered in this course. Guest explained that financial subjects would be discussed individually with students, as finances can be a sensitive subject.
- **Crop Science Undergrad Minor (11CSM)
Turfgrass Undergrad Minor (11TFGM)
Agroecology Undergrad Minor (11AGECM)**
Discussion: Member David Tarpy presented revisions. Motion to combine the three minors presented. Member commended praise for the clarity on the changes being made and members discussed the desire for all curricula actions to be structured this way. Member asked Crop Science if 12 of the 15 required credit hours would be 200 level. Member suggested making the Crop Science minor’s variable credits at least 6 credit hours of 400 level courses. Member suggested for the Turfgrass Minor to insert a “minimum” of 5 credit hours because students may be confused or try to get exactly 5 hours of elective courses. Crop Science Minor pending; clarification on the credits for CS 495 on the elective list. Turfgrass Minor pending; clarification on the elective category; indicating "at least" or "minimum of" 5 credit hours.
Approved Pending
- **Agronomic Crop Production Certificate (DE Only)
Soil Science Undergrad Minor (11SSM)
Soil Science Certificate-**
Discussion: Member Shweta Trivedi motioned to combine certificates/minors to one action and presented revisions. Member asked if in the soil science minor has a consultation with Civil Engineering because of the addition of the engineering course. Dr. Kirby explained that a full consultation may not be necessary because the course is on the elective list, but the department should to speak with Engineering before to insure student will be able to enroll in the course and insure appropriate number of seats.
Approved Pending
- Member Alton Banks motioned to combine the BSC courses.
- **BSC 497 Biological Sciences Honors Project Part 1–
BSC 498 Biological Sciences Honors Project Part 2–
BSC 499 Honors Thesis in Biological Sciences–**
Discussion: Member Alton Banks presented the course. Member asked if there should be a SIS program code, unfortunately there is not code for honors programs yet. Charles Clift explained that R&R has been treating honors programs as a student group which has allowed for appropriate coding. Member asked if the lack of course objectives is an issue, chair responded that course objectives are not required. Member brought attention to BSC 498 grading section discussing the thesis format but the syllabus does not indicate what format will be used, guest explained that the format is determined by the mentor. Dr. Kirby commended Guest Jane Lubischer on the separation of the research and thesis courses and the clarity this has brought to the program.
All Approved Unanimously
- **Department of Biological Sciences Honors Program – Approved Unanimously**
Discussion: Member Alton Banks presented.

- **CH 452 Advanced Measurement Techniques I-Approved Unanimously**
Discussion: Member Alton Banks presented the course.

- **CH 454 Advanced Measurement Techniques II-Approved Unanimously**
Discussion: Member Marta Klesath presented the course. Member commended the full articulation of the report in the syllabus.

- **ST 405/ST 505 Applied Nonparametric Statistics- Approved Unanimously**
Discussion: Member Marta Klesath presented the course.

- **ST 434/ST 534 Applied Time Series-Approved Unanimously**
Discussion: Member Marta Klesath presented the course.

- **ST 437/ST 537 Applied Multivariate and Longitudinal Data Analysis-Approved Unanimously**
Discussion: Member Marta Klesath presented the course. Member applauded the instructor's use of the syllabus tool, specifically the grading scale.

Discussion: Daniel discussed sharing the Syllabus Availability Bill within the colleges and provided his contact information, making himself available to answer questions. Vote within the student senate: 38 yes 0 no 1 abstention. 228 students responded to the survey. Peter Hessling asked members to convey to the colleges the spirit of what the students would like. Both Peter and Daniel spoke on the language of the bill and the scope in which to consider the student senate votes. Daniel reminded the committee that each student senate member represents roughly 500 students.

Meeting adjourned at 2:07 pm

Respectfully submitted by Lexi Hergeth

NC STATE UNIVERSITY

317 Poe Hall
Box 7801
Raleigh, NC 27695-7801

CURRICULUM ACTION MEMORANDUM

919.513-4631
919.513-0919 (fax)

Date: November 30, 2016

To: University Courses and Curricula Committee (UCCC)

Cc: Dr. Paola Sztajn Professor & Department Head, TELS

From: Dr. James Minogue, TELS Director of Undergraduate Programs

Re: Revision in Course Scheduling (semester offering) Elementary Education Degree Plan (13ELMEDBS-13ELMEDSTM)

The proposed minor changes to our current 8-semester display outlined here impact the sequencing and semester offering of a two of our Professional Education courses. This change is necessary because the State has made edTPA (a nationally normed performance based assessment) a priority and it has recently become a College of Education licensure requirement. Below is a list the changes being proposed and a brief rationale for each:

Changes to Professional Education Course Sequence/Semester Offering

1) Move *ELM 400 Instructional Design and Assessment* **from** Junior Year-Spring Semester **to** Senior Year-Fall Semester. This change is needed so our teacher candidates can complete their edTPA Tasks (which they do in ELM 400) with the same group of elementary school students while in their full year student teaching placements (PS2) in Senior year.

2) Move *ED 311 Classroom Assessment Principles & Practices* and *ED 312 Classroom Assessment Learning Lab* **from** Senior Year-Fall Semester **to** Junior Year-Spring Semester. This course is a precursor to ELM 400. It familiarizes our students with the edTPA process and provides them with key skills (e.g. looking for 'patterns of learning' in data) that they will need to complete the edTPA tasks in the Senior Year. It needs to come before ELM 400.

The above revisions are highlighted in a new 8-semester display that is attached.

Logistics

We request that these changes be in effect for the Fall 2017 semester and beyond. Dr. Erin Horne, who administers ED 311/3112, has been consulted and approves this change. The proposed changes in semester offering does not it impact any of the students on the current plan as they will not enter their Professional Semester coursework (where these proposed changes reside) until the Fall of 2017.

SIGNATURE PAGE

COURSE ACTION FOR 13ELMEDBS-13ELMEDSTM

RECOMMENDED BY:



HEAD, DEPARTMENT/PROGRAM

12/9/16

DATE

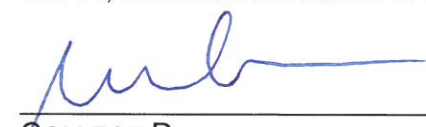
ENDORSED BY:



CHAIR, COLLEGE COURSES & CURRICULA COMMITTEE

12/13/16

DATE



COLLEGE DEAN

12.13.16

DATE

APPROVED BY:

CHAIR, UNIVERSITY COURSES & CURRICULA COMMITTEE

DATE

CHAIR, COUNCIL ON UNDERGRADUATE EDUCATION

DATE

DEAN, DIVISION OF ACADEMIC AND STUDENT AFFAIRS (DASA)

DATE

APPROVED EFFECTIVE DATE _____

Elementary Education (BS): Science, Technology, Engineering and Math
(13ELMEDBS-13ELMEDSTM) **Current**

Semester Display Effective Date:
Semester Display Effective Date: 6.2013

FRESHMAN YEAR			
Fall Semester	Credit	Spring Semester	Credit
ED 100 Intro to Education ⁷	2	Health & Exercise Science ^E	1
HESF 1xx Health & Science Fitness ^E	1	MA 151	3
ENG 101 Academic Writing & Research ^H	4	PY 131/131L	4
GEP Interdisc. Persp. Req. ^{G,J}	3	SOC 202, 203, 204, OR ANT 254 ^{D,I}	3
Natural Sciences Elective ^{2,B}	4	STEM Conc. Elective: (Addt. Science) ¹	3
STEM Conc. Elective: (Addt Math) ¹	3	HI elective ^{4,C}	3
	17-18		17
SOPHOMORE YEAR			
Fall Semester	Credit	Spring Semester	Credit
EDP 370 or PSY 376	3	EDP 304 Educational Psychology ^{D,7}	3
ENG Elective ^{5,C}	3	ELM 250 Intro. to Elem in Global Society ³	3
GEP Interdisc. Persp. Req. ^{G,I}	2-3	Mathematical Sciences Elective ^{6,A}	3
GEP Additional Breadth Req. ^F	3	STEM Conc. Elective:(Addt. Science)	3
MA 152	3	Social Science Elective ^{8,D}	3
STEM Conc./Engr_Tech_Dn Elective ¹	3		
	17-18		15-17
JUNIOR YEAR			
Fall Semester	Credit	Spring Semester	Credit
ELM 375 Cultural Identity, Social Justice, & Diverse Learners ⁷	3	ELM 400 Instructional Design & Assessment ⁷	3
ELM 310 Child Thinking Add Reasoning ⁷	3	ELM 410 Child Thinking Multi Reasoning ⁷	3
ELM 320 Teach Science Primary Grades ⁷	3	ELM 420 Teaching Science in the Intermediate Grades ⁷	3
ELM 330 Teaching Reading in Elem School: K-2 ⁷	3	ELM 335 Teaching Reading ⁷	3
ELM 340 Children Design, Create and Invent ⁷	3	ELM 460 Social Studies for the Young Learner ⁷	3
	15		15
SENIOR YEAR			
Fall Semester	Credit	Spring Semester	Credit
ELM 370 The Elementary Classroom & School Community ⁷	3	ELM 484 Student Teaching ⁷	9
ELM 440 Teach Special needs ⁷	3	ELM 480 Linking Theory & Practice ⁷	3
ELM 430 Teach Language Arts ⁷	3		
ELM 450 Arts for Elementary Educ. ⁷	2		
ED 311 Class Assess. Principles & Practices ⁷	1		
ED 312 Class Assess Learning Lab ⁷	1		
	15		12
Minimum Credit Hours Required for Graduation*:			123

Major/Program Footnotes:

1. STEM Concentration Electives -
Choose one (3 hrs) from the GEP Mathematical Sciences Courses list: <http://oucc.ncsu.edu/gep-math-science> . Choose two (6 hrs) from the GEP Natural Sciences group: <http://oucc.ncsu.edu/gep-nat-science>
Choose one (3 hrs) related to Engineering, Technology, or Design: See the degree audit for the course list for this requirement*. *If D100 (2cr) is selected, student must take D101 (spring) to complete 3 hour requirement. If select ECI 201 (2cr) then will need to take additional course to complete 3 hours.
2. Natural Science Elective: Choose from CH 100 or CH 101/102; OR BIO 105/106 or BIO 181/181L.
3. Student must pass with grade of B or higher to be considered for candidacy into the Elementary Education Program.
4. Choose one HI course from the GEP Humanities list at: <http://oucc.ncsu.edu/gep-humanities>
5. Choose one ENG course from the GEP Humanities list at: <http://oucc.ncsu.edu/gep-humanities>
6. Choose one from ST 101 and ST 311
7. Must pass course with a C (2.0) or better.
8. Choose a course from the GEP Social Sciences course list at <http://oucc.ncsu.edu/gep-courses>

***General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://oucc.ncsu.edu/gep-courses>.

A. Mathematical Sciences (3 credit hours – one course with ST prefix)

Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **ST 101, ST 311**

B. Natural Sciences (7 credit hours – include one laboratory course or course with a lab)

Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **CH 100, CH101/102, BIO 105/106, BIO 181/183**

C. Humanities (6 credit hours selected from two different disciplines/course prefixes)

Choose from the University approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **HI course from GEP Humanities list; ENG course from GEP Humanities list**

D. Social Sciences (6 credit hours selected from two different disciplines/course prefixes)

Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **SOC 202, 203, 204, ANT 254** . It is recommended that students enroll in **ENG 210**.

E. Health and Exercise Studies (2 credit hours – at least one 100-level Fitness and Wellness Course) Choose from the University approved GEP Health and Exercise Studies course list.

F. Additional Breadth - (3 credit hours to be selected from the following checked University approved GEP course lists)

X Mathematical Sciences/Natural Sciences/Engineering

G. Interdisciplinary Perspectives (5-6 credit hours)

Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement:

H. Introduction to Writing (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following Co-Requisites must be satisfied to complete the General Education Program requirements:

I. U.S. Diversity(USD)

Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite.

J. Global Knowledge(GK)

Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite.

K. Foreign Language proficiency - Proficiency at the FL_102 level is required for graduation.

Elementary Education (BS): Science, Technology, Engineering and Math
(13ELMEDBS-13ELMEDSTM) **Proposed Changes_11.30.16**

FRESHMAN YEAR			
Fall Semester	Credit	Spring Semester	Credit
ED 100 Intro to Education ⁷	2	Health & Exercise Science ^E	1
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ELM 340 Children Design, Create and Invent ⁷	3	ED 311 Class Assess. Principles & Practices ⁷	2
	15	ED 312 Class Assess Learning Lab ⁷	1
			15
SENIOR YEAR			
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H. Introduction to Writing (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:

I. U.S. Diversity(USD)

Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite.

J. Global Knowledge(GK)

Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite.

K. Foreign Language proficiency - Proficiency at the FL_102 level is required for graduation.

**NORTH CAROLINA STATE UNIVERSITY
UNDERGRADUATE CURRICULUM ACTION FORM
Academic Minor**

DEPARTMENT(S):

Textile & Apparel, Technology & Management / Textile Engineering, Chemistry & Science

TYPE OF PROPOSAL:

New Minor: _____

TITLE OF THE MINOR:

Revision to Minor: _____

Healthcare Product Management _____


Discontinuation: X

PROPOSED EFFECTIVE DATE: 7/1/2017 APPROVED EFFECTIVE DATE: _____

ATTACHMENTS INCLUDED:

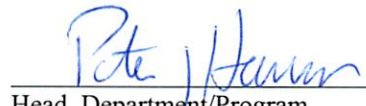
1. Statement of Justification
2. Statement of Academic Minor Program Objectives
3. List of Courses constituting the Proposed Minor
4. Catalog Description of Proposed Minor
5. Administration of the Minor (Contact information for Administrator of the Minor)
6. Requirements for Admission and Completion of the Minor
7. Statement on Other Departments Likely to be Affected and Summary of Consultations with those Departments
8. Optional: Projected Resources and Enrollment

REQUIRED SIGNATURES:



Head, Department/Program 11/15/16
Date

OTHER REQUIRED SIGNATURES AS NEEDED:



Head, Department/Program 28 Nov 2016
Date



Chair, College Curriculum Committee 12/2/16
Date



College Dean 12/2/2016
Date

Chair, University Courses & Curricula Committee Date

Dean, Division of Academic and Student Affairs (DASA) Date

Discontinuation of Healthcare Product Management Minor

The Departments of Textile & Apparel, Technology & Management and Textile, Engineering, Chemistry & Science have decided to discontinue the Healthcare Product Management Minor. This minor is no longer possible to obtain since 4 (ZO160, MT386, MT435, MT482) of the 6 required courses no longer exist. No student has ever received this minor. Therefore, no other departments are likely to be affected by its discontinuation.

Healthcare Product Management (18HLTMGMTM)

Description

The Healthcare Product Management Minor is available to all undergraduate students enrolled in the University as degree candidates. This minor is one of three in the field of biomedical textiles. It will provide students majoring in textiles and other related fields means of obtaining an understanding of healthcare products and how to manage their creation, marketing, and distribution.

Requirements

- 19 credit hours are required for completion of this minor.
- Seven hours of required courses provide a comprehensive introduction to biology (ZO 160, Introduction to Cellular and Developmental Zoology) and to the medical textiles field (MT 105, Introduction to Medical Textiles).
- Twelve additional hours in the field of medical textiles address specific aspects of healthcare product management.
- All courses taken to complete this minor must be completed with a grade point average of 2.5 or higher.

Required Courses (19 credit hours)

- MT 105* Introduction to Medical Textiles (3 cr)
- ZO 160 Introduction to Cellular and Developmental Zoology (4 cr)
- MT 386 Medical Textiles Supply Network (3 cr)
- MT 381 Medical Textiles and the Regulatory Environment (3 cr)
- MT 435 Evaluation of Medical and Protective Textiles (3 cr)
- MT 482 Healthcare Product Management (3 cr)

Students should be aware that some of these courses have prerequisites. Permission to waive prerequisites must be obtained from the course instructor after evaluation of student's academic background.

* MT 105 may be substituted by PCC 105 Introduction to Polymer and Color Chemistry

Elective Courses (0 credit hours)

None

Admissions and Certification of Minor

All undergraduate students enrolled in NCSU as a degree candidate are eligible for admission to this minor program. The Healthcare Product Management Minor Advisor will serve as advisor and certify completion of the minor. The minor must be completed no later than the semester in which the student expects to graduate from his or her degree program. Paperwork for certification can be found with 3307 College of Textiles and should be completed no later than during the registration period for the student's final semester at NC State.

Contact Person

Dr. Kristen A. Thoney (Barletta)
3321 College of Textiles
919.515.6514
kristin_thoney@ncsu.edu

SIS Code: 18HLTGMTM

NC STATE

Kristin Thoney-Barletta <kathoney@ncsu.edu>

Re: Discontinuing Minor

1 message

Office of Courses Curricula <courses-curricula@ncsu.edu>
To: Kristin Thoney-Barletta <kathoney@ncsu.edu>

Mon, Nov 21, 2016 at 8:30 AM

Good morning!

This process form is for creating, editing, or discontinuing a minor. For existing minors, the information required in the attachments (except for the Justification) is all included in the existing minor page, so all you will need to do is to include a download or screenshot of the minor page (with "discontinuation" checked) and this form with a justification section to explain the reason for the drop.

Please let us know if you have further questions!

Best,

Li

On Fri, Nov 11, 2016 at 10:24 AM, Kristin Thoney-Barletta <kathoney@ncsu.edu> wrote:

Hi Lexi,

I see the same thing. However, the list of "Attachments Included" seem to be almost exclusively for adding minors. Which ones are necessary for dropping minors?

Thanks,
Kristin

On Fri, Nov 11, 2016 at 9:53 AM, Office of Courses Curricula <courses-curricula@ncsu.edu> wrote:

Hello,

When I follow the link and click the "Academic Minor Curriculum Action Form" a Word doc pops up with the form. I'm attaching the form I receive below.

In the top right of this form, the section "TYPE OF PROPOSAL", I see three options; New Minor, Revision to Minor, and Discontinuation.

Please let me know if this form is different from what you received from the hyperlink.

Please let me know if you have any questions.
Hope this helps!
Lexi Hergeth

AECHH

On Thu, Nov 10, 2016 at 4:07 PM, Kristin Thoney-Barletta <kathoney@ncsu.edu> wrote:

Hi Li & Lexi,

The College of Textiles would like to discontinue the Healthcare Product Management Minor.

When I go to <https://oucc.dasa.ncsu.edu/curriculum-forms-and-tools/> and click on the link that says "Academic Minor Curriculum Action Form", the form that comes up does not really seem to be for "For creating or discontinuing a Minor" as it says it is. It seems to be for just creating a minor. Would do I need to do?

Thanks,
Kristin

--

Kristin A. Thoney-Barletta, Ph.D.
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Associate Head and Director of Undergraduate Programs
Textile and Apparel, Technology and Management Department
College of Textiles, Room 3257
North Carolina State University
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Phone: 919-515-6514
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Associate Faculty Member of Programs in Operations Research
and Integrated Manufacturing Systems Engineering

—
Kristin A. Thoney-Barletta, Ph.D.
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Associate Head and Director of Undergraduate Programs
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Fax: 919-515-3733
Associate Faculty Member of Programs in Operations Research
and Integrated Manufacturing Systems Engineering

Memorandum

To: Dr. Mike Mullen, Vice Chancellor & Dean, Division of Academic & Student Affairs
From: Kristin Thoney & Traci Lamar, Co-Chairs, TATM Course & Curriculum Committee
Date: November 11, 2016

We are updating the 8 semester displays and accompanying degree audits for our FTD BS degree to manage changes in courses that have been required due to: 1) deletion of courses and reassignment of hours at the College of Design that impacted courses that students in the FTD program take, 2) adjustment of hours for T 101, 3) removal of the requirement of MA 132 for our students, and 4) realignment of some courses in certain semesters. The following changes to the 8 semester displays have been made:

18FTDBS 18FTDTEX

1. Freshman year, Fall Semester: T 101 reduced from 2 hours to 1 hour credit
 2. FTD 104 (4 hours) became FTD 104 (6 hours) when D 102 was dropped by the CoD and became CoT responsibility, and CoD changed D 100 from 2 to 3 credits.
 3. Freshman year, Spring Semester: FTD 105, originally 4 hours became 6 hours when D 103 was dropped by the CoD and became CoT responsibility, and CoD changed D 101 from 2 to 3 credits.
 4. Sophomore year, Fall Semester: The option of taking PY 205/206 instead of PY 211 has been incorporated into Major/Program Footnote 1.
 5. Sophomore year, Spring Semester: MA 132 is being removed from the course requirements.
 6. HES *** was moved to Spring Sophomore Year from Fall Senior Year.
 7. Junior year, Spring Semester: TATM was asked by the Statistics Department to remove ST 350 and TATM agreed. The options of taking ST 361 or ST 370 instead of ST 311 have been incorporated into Major/Program Footnote 1.
 8. FTD advised elective, now Spring Junior year, and PCC 302, now Fall Senior year, were switched to facilitate the study abroad semester Spring Junior year.
 9. Senior year, Spring Semester: Deleted the Interdisciplinary D Capstone Studio as course has not been developed.
 10. On #1 under Major/Program Footnotes removed TT 321 because class no longer exists, and added "or Study Abroad Approved Elective" to facilitate study abroad.
 11. On #2 under Major/Program Footnotes require a Grade of C or better to match all course action forms and course catalog information.
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18FTDBS 18FTDFAS

1. FTD 104 (4 hours) became FTD 104 (6 hours) when D 102 was dropped by the CoD and became CoT responsibility, and CoD changed D 100 from 2 to 3 credits.
2. Freshman year, Spring Semester: FTD 105, originally 4 hours became 6 hours when D 103 was dropped by the CoD and became CoT responsibility, and CoD changed D 101 from 2 to 3 credits.
3. Sophomore year, Fall Semester: The option of taking PY 205/206 instead of PY 211 has been incorporated into Major/Program Footnote 1.
4. Sophomore year, Spring Semester: MA 132 is being removed from the course requirements.
5. Moved FTD 319 from Junior year, Fall Semester to Senior year, Fall Semester to become FTM 419. In a previous course action that was approved, FTD 319 was renumbered FTM 419.
6. Moved MA 231 from Junior year, Spring Semester to Junior year, Fall Semester.
7. Moved FTD advised elective from Senior year, Fall Semester to Junior Year, Spring Semester. This will help facilitate study abroad in the Junior year, Spring Semester. FTD 420 was removed since the course has not been developed.
8. Junior year, Spring Semester: TATM was asked by the Statistics Department to remove ST 350 and TATM agreed. The options of taking ST 361 or ST 370 instead of ST 311 have been incorporated into Major/Program Footnote 1.
9. Senior year, Spring Semester: Deleted the Interdisciplinary D Capstone Studio as course has not been developed.
10. On #1 under Major/Program Footnotes removed TT 321 because class no longer exists, and added "or Study Abroad Approved Elective" to facilitate study abroad.
11. On #2 under Major/Program Footnotes require a Grade of C or better to match all course action forms and course catalog information.

Note: The Math Department has been notified that MA 132 is being dropped from the FTD curriculum. See attached email.

Recommended by: *Krista Thoney* TATM C&C Committee

Thomas L. Pitt TATM Department Head

Approval: *Jeffrey A. Jones* CoT C&C Committee

Nancy D. Casull CoT Assoc. Dean

..... NCSU C&C Committee

..... Dean, DASA

Fashion and Textile Design (BS): Fashion Design (18FTDBS-18FTDFAS)

CURRENT

Semester Display Effective Date: 6.2012

FRESHMAN YEAR

Fall Semester	Credit		Spring Semester	Credit
ENG101 Academic Writing & Research ^H	4		D101 Design Thinking II	2
D102 Design Culture & Context I	3		FTD 200 Design Skills Workshop ²	3
TT 105 Intro to Textile Technology	3		D103 Design Culture & Context II ^G	3
D100 DesignThinking I ^G	2		MA 131 Calculus for Life & Mgmt Sciences ^{A,3}	3
FTD 104 First Year Studio I	4		FTD 105 First Year Studio II	4
T101 Intro to College of Textiles	1		HES_*** Health & Exercise Studies Course ^E	1
	17			16

SOPHOMORE YEAR

Fall Semester	Credit		Spring Semester	Credit
FTD 201 Computer-Aided Textile Design & Color Studio ²	6		FTD 216 Fashion Workroom Practices	3
FTD 215 Fashion Design I	3		FTM 217 The Textile Industry	3
PY205& PY 206/211 Physics for Engineers & Scientists I/College Physics I ^B	4		TT 252 Formation & Structure of Textile Fabrics	4
TT221 Yarn Production & Properties I	2		HES_*** Health & Exercise Studies Course ^E	1
ADN 281 Basic Drawing	3		FTD 218 Fashion Illustration	3
	18		FTM 317 Computer-Aided-Design for Apparel	3
			MA 132 Computational Mathematics for Life & Management Sciences ^A	1
				18

JUNIOR YEAR

Fall Semester	Credit		Spring Semester (Study Abroad)	Credit
CH 101 Chemistry-A Molecular Science ^B	3		MA 231 Calculus for Life & Mgmt Sciences B ^{A,3}	3
CH 102 General Chemistry Lab ^B	1		ST 361 Intro to Statistics for Engineers ^A or ST 311 or ST 350 or ST 370	3
FTD 319 Fashion Design II	3		GEP Social Science Elective ^D	3
TMS 211 Intro to Fiber Science ^B	3		FTM 282 Intro to Textile Brand Management & Marketing	3
FTD 321 Fashion Design by Draping	3		FTD Advised Elective ¹	15
GEP Additional Breadth Requirement ^F	3			
	16			

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SENIOR YEAR

Fall Semester	Credit		Spring Semester	Credit
FTD 420 or Advised Elective ¹	3		FTM 497 Sr Fashion Collection Studio or	6
FTM 310 Entrepreneurship & New Product Development in Textiles	3		Interdisciplinary D Capstone Studio	3
PCC 302 Technology of Textile Wet Processing	4		GEP Social Sciences Elective ^D	3
GEP Humanities Elective ^C	3		GEP Humanities Elective ^C	3
	13			12

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Minimum Credit Hours Required for Graduation*: 125^{ij,k}

Major/Program Footnotes:

- FTD Advised Elective:** TT 451, TT 341, TT 321, FTD, FTM 220, FTM 3**, FTM 4**, or College of Design Course
- Must be completed with a grade of C- or better
- MA 141 is an acceptable substitute for MA 131. MA 241 is an acceptable substitute for MA 231.

***General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://oucc.dasa.ncsu.edu/general-education-program/>.

A. Mathematical Sciences (6 credit hours – one course with MA or ST prefix) *Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: MA 141 for MA 131 and 132; MA 241 for MA 231, ST 311 or ST 350 or ST 361 or ST 370*

B. Natural Sciences (7 credit hours – include one laboratory course or course with a lab) *Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: CH 101, CH 102, PY 211 or PY 205, TMS 211*

C. Humanities (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University Approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part of all of this requirement:*

D. Social Sciences (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement:*

E. Health & Exercise Studies (2 credit hours – at least one 100-level Health & Exercise Studies Course) *Choose from the University approved GEP Health & Exercise Studies course list.*

F. Additional Breadth (3 credit hours to be selected from the following checked University approved GEP course lists) X
Humanities/Social Sciences/Visual and Performing Arts or Mathematical Sciences/Natural Sciences/Engineering

G. Interdisciplinary Perspectives (5-6 credit hours) *Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: D100, D103*

H. Introduction to Writing (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following Co-Requisites must be satisfied to complete the General Education Program Requirements:

I. U.S. Diversity (USD) *Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course list as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None***

J. Global Knowledge (GK) *Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course list as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None***

K. Foreign Language Proficiency – Proficiency at the FL 102 level is required for graduation

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Indicate display status: Current: Proposed: x Proposed Effective Semester: 1/2017

Degree/Plan Title: B.S. Fashion and Textile Design

Concentration/Subplan Title: Fashion Design

Plan SIS Code: 18FTDBS

Subplan SIS Code: 18FTDFAS

Current vs Proposed

NOTE: Same- black; Added- blue; Deleted- red

New Degree Audit required? (Y or N) Y

Critical Path Courses - Identify using the code (CP) which courses are considered critical path courses which represent specific major requirements that are predictive of student success in a given program/plan. Place the (CP) next to the credit hours for the course.

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 101 Academic Writing and Research ^H	4	D 101 Design Thinking II Inquiry II: Methods and Processes ^G	2 3
D102 Design Culture & Context I	3		
TT 105 Introduction to Textile Technology	3	FTD 200 Design Skills Workshop ²	3
D 100 Design Thinking I Inquiry I: Methods and Processes ^G	2 3	D103 Design Culture & Context II ^G	3
FTD 104 First Year Studio I FTD FY Studio I	4 6 (CP)	MA 131 Calculus for Life and Management Sciences ^{A,3}	3
T 101 Introduction to College of Textiles	1	FTD 105 First Year Studio II FTD FY Studio 2	4 6 (CP)
		HES 1** Health and Exercise Studies Course ^E	1
	<i>Total:17</i>		<i>Total:16</i>
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 201 Computer Aided Textile Design & Color ²	6	FTD 216 Fashion Workroom Practices ²	3 (CP)
FTD 215 Fashion Design I ²	3 (CP)	FTM 217 The Textile Industry	3
PY 205&PY206/211 Physics for Engineers & Scientists I/College Physics I ^{B,3}	4	TT 252 Formation & Structure of Textile Fabrics	4
		HES *** Health and Exercise Studies Course ^E	1
TT 221 Yarn Production and Properties I	2	FTD 218 Fashion Illustration	3
ADN 281 Basic Drawing	3	FTM 317 Computer-Aided-Design for Fashion ²	3
		MA 132 Computational Mathematics for Life & Management Sciences ^A	1
	<i>Total:18</i>		<i>Total:18 17</i>
JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
CH 101 Chemistry- A Molecular Science ^B	3	MA 231 Calculus for Life & Management Sciences B ^{A,3}	3
CH 102 General Chemistry Laboratory ^B	1		
FTD 319 Fashion Design II	3	ST 311 or ST 350 or ST 370 ST 311 Introduction to Statistics ³	3
MA 231 Calculus for Life & Management Sciences B ^{A,3}	3	GEP Social Science Elective ^D	3
TMS 211 Intro Fiber Science ^B	3	FTM 282 Intro to Textile Brand Mgmt and Mktg	3
FTD 321 Fashion Design by Draping ²	3 (CP)	FTD Advised Elective ¹	3
GEP Additional Breadth Requirement ^F	3	FTD Advised Elective ¹	3
	<i>Total:16</i>		<i>Total:15</i>
SENIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 420 or Advised Elective ¹	3	FTM 497 Senior Collection Studio or	6
FTD 419 Fashion Design 2	3	Interdisciplinary D Capstone Studio	3
FTM 310 Entrepreneurship and NPD	3	GEP Social Sciences Elective ^D	3
PCC 302 Technology Textile Wet Processing	4	GEP Humanities Elective ^C	
GEP Humanities Elective ^C	3		
	<i>Total:13</i>		<i>Total:12</i>
Minimum Credit Hours Required for Graduation * : 125 124			

Major/Program Footnotes:

1. **FTD Advised Elective: FTD Advised Elective** TT 451, TT 341, **TT 321**, FTD ***, FTM 220, FTM 3**, FTM 4** or College of Design course, or Study Abroad Approved Elective
2. **Must be completed with a Grade of C- C or better**
3. **MA 141 is an acceptable substitute for MA 131, MA 241 is an acceptable substitute for MA 231. Acceptable substitutions: MA 141 for MA 131, MA 241 for MA 231, ST 361 or ST 370 for ST 311, PY 205/206 for PY 211.**

* **General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. **Mathematical Sciences** (6 credit hours – one course with MA or ST prefix)
Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **MA 141 for MA 131 and 132; MA 241 for MA 231, ST 311 or ST 350 or ST 361 or ST 370**
- B. **Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)
Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **CH 101, CH 102, PY 211 or PY 205/206, TMS 211**
- C. **Humanities** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement:
- D. **Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement:
- E. **Physical Education/Healthy Living** (2 credit hours – at least one 100-level Fitness and Wellness Course)
Choose from the University approved GEP Physical Education/Healthy Living course list.
- F. **Additional Breadth** - (3 credit hours to be selected from the following checked University approved GEP course lists)
X Humanities/Social Sciences/Visual and Performing Arts or _____Mathematical Sciences/Natural Sciences/Engineering
- G. **Interdisciplinary Perspectives** (5-6 credit hours)
Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **D100, D103 D101**
- H. **Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following Co-Requisites must be satisfied to complete the General Education Program requirements:

- I. **U.S. Diversity** (USD)
Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- J. **Global Knowledge** (GK)
Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- K. **Foreign Language proficiency** - Proficiency at the FL_102 level is required for graduation.

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Indicate display status: Current: Proposed: x Proposed Effective Semester: 1/2017

Degree/Plan Title: B.S. Fashion and Textile Design

Concentration/Subplan Title: Fashion Design

Plan SIS Code: 18FTDBS

Subplan SIS Code: 18FTDFAS

New Degree Audit required? (Y or N) Y

Critical Path Courses - Identify using the code (CP) which courses are considered critical path courses which represent specific major requirements that are predictive of student success in a given program/plan. Place the (CP) next to the credit hours for the course.

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 101 Academic Writing and Research ^H	4	D 101 Design Inquiry II: Methods and Processes ^G	3
TT 105 Introduction to Textile Technology	3	FTD 200 Design Skills Workshop ²	3
D 100 Design Inquiry I: Methods and Processes ^G	3	MA 131 Calculus for Life and Management Sciences ^{A,3}	3
FTD 104 FTD FY Studio I	6 (CP)	FTD 105 FTD FY Studio 2	6 (CP)
T 101 Introduction to College of Textiles	1	HES 1** Health and Exercise Studies Course ^E	1
	<i>Total:17</i>		<i>Total:16</i>
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 201 Computer Aided Textile Design & Color ²	6	FTD 216 Fashion Workroom Practices ²	3 (CP)
FTD 215 Fashion Design I ²	3 (CP)	FTM 217 The Textile Industry	3
PY 211 College Physics I ^{B,3}	4	TT 252 Formation & Structure of Textile Fabrics	4
TT 221 Yarn Production and Properties I	2	HES *** Health and Exercise Studies Course ^E	1
ADN 281 Basic Drawing	3	FTD 218 Fashion Illustration	3
	<i>Total:18</i>	FTM 317 Computer-Aided-Design for Fashion ²	3
			<i>Total:17</i>
JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
CH 101 Chemistry- A Molecular Science ^B	3	ST 311 Introduction to Statistics ³	3
CH 102 General Chemistry Laboratory ^B	1	GEP Social Science Elective ^D	3
MA 231 Calculus for Life & Management Sciences B ^{A,3}	3	FTM 282 Intro to Textile Brand Mgmt and Mktg	3
TMS 211 Intro Fiber Science ^B	3	FTD Advised Elective ¹	3
FTD 321 Fashion Design by Draping ²	3 (CP)	FTD Advised Elective ¹	3
GEP Additional Breadth Requirement ^F	3		
	<i>Total:16</i>		<i>Total:15</i>
SENIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 419 Fashion Design 2	3	FTM 497 Senior Collection Studio	6
FTM 310 Entrepreneurship and NPD	3	GEP Social Sciences Elective ^D	3
PCC 302 Technology Textile Wet Processing	4	GEP Humanities Elective ^C	3
GEP Humanities Elective ^C	3		
	<i>Total:13</i>		<i>Total:12</i>
Minimum Credit Hours Required for Graduation : 124			

Major/Program Footnotes:

1. **FTD Advised Elective: FTD Advised Elective** TT 451, TT 341, FTD ***, FTM 220, FTM 3**, FTM 4** or College of Design course, or Study Abroad Approved Elective
2. **Must be completed with a Grade of C or better**
3. **Acceptable substitutions: MA 141 for MA 131, MA 241 for MA 231, ST 361 or ST 370 for ST 311, PY 205/206 for PY 211.**

* **General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. Mathematical Sciences** (6 credit hours – one course with MA or ST prefix)
Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **MA 141 for MA 131; MA 241 for MA 231, ST 311 or ST 361 or ST 370**
- B. Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)
Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **CH 101, CH 102, PY 211 or PY 205/206, TMS 211**
- C. Humanities** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement:
- D. Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement:
- E. Physical Education/Healthy Living** (2 credit hours – at least one 100-level Fitness and Wellness Course)
Choose from the University approved GEP Physical Education/Healthy Living course list.
- F. Additional Breadth** - (3 credit hours to be selected from the following checked University approved GEP course lists)
X Humanities/Social Sciences/Visual and Performing Arts or _____Mathematical Sciences/Natural Sciences/Engineering
- G. Interdisciplinary Perspectives** (5-6 credit hours)
Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **D100, D101**
- H. Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better)
- The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:
- I. U.S. Diversity (USD)**
Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- J. Global Knowledge (GK)**
Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- K. Foreign Language proficiency** - Proficiency at the FL_102 level is required for graduation.

CURRICULUM REQUIREMENTS

Format B

<u>Degree/Plan Title:</u> B.S. Fashion and Textile Design	<u>Plan SIS Code:</u> 18FTDBS
<u>Concentration/Subplan Title:</u> Fashion Design	<u>Subplan SIS Code:</u> 18FTDFAS
<u>Indicate requirements status:</u> Current: Proposed: X	<u>Proposed Effective Semester:</u> 1/2017
<u>New Degree Audit required?</u> (Y or N) Y	
<u>Critical Path Courses</u> - Identify using the code (CP) which courses are considered critical path courses which represent specific major requirements that are predictive of student success in a given program/plan. Place the (CP) next to the credit hours for the course.	

MAJOR FIELD OF STUDY REQUIREMENTS:		
<i>Required Courses/Groups/ Electives:</i>	<i>Credit Hours</i>	<i>GEP category, if applicable</i>
Indicate if course or course groupings have a C-wall or MGPA requirement and which are considered Critical Path courses – indicate with (CP) next to applic. course.		List GEP category and hours satisfied by a Major requirement
FTM 217 The Textile Industry	3	
FTM 282 Intro to Textile Brand Mgmt and Mktg	3	
FTM 310 Entrepreneurship and NPD	3	
TT 105 Introduction to Textile Technology	3	
TT 221 Yarn Production and Properties I	2	
TT 252 Formation & Structure of Textile Fabrics	4	
PCC 302 Technology Textile Wet Processing	4	
ADN 281 Basic Drawing	3	
FTD 104 FTD FY Studio I	6 (CP)	
FTD 105 FTD FY Studio 2	6 (CP)	
FTD 200 Design Skills Workshop	3	Must be completed with a Grade of C or better
FTD 201 Computer Aided Textile Design & Color Studio	6	
FTD Advised Elective [2 courses] (TT 451, TT 341, FTD ***, FTM 220, FTM 3**, FTM 4**or College of Design course, or Study Abroad Approved Elective)	6	
Interdisciplinary Perspectives		
D 100 Design Inquiry I: Methods and Processes	3	
D 101 Design Inquiry II: Methods and Processes	3	Interdisciplinary Perspectives
Math		
MA 131Calculus for Life and Management Sciences	3	Mathematical Sciences GEP
MA 231Calculus for Life and Management Sciences	3	Mathematical Sciences GEP
ST 311 Introduction to Statistics or ST 361 or ST 370	3	Mathematical Sciences GEP
Natural Sciences		
PY 211 College Physics I or PY 205/206	4	Natural Sciences GEP
CH 101 Chemistry- A Molecular Science	3	Natural Sciences GEP
CH 102 General Chemistry Laboratory	1	Natural Sciences GEP
TMS 211 Intro Fiber Science	3	Natural Sciences GEP
Concentration Courses/Groups/Electives:		
FTD 218 – Fashion Illustration	3	
FTD 215 – Fashion Design 1	3 (CP)	Must be completed with a Grade of C or better
FTD 216 – Fashion Workroom Practices	3 (CP)	Must be completed with a Grade of C or better
FTM 317 - Computer aided design for Fashion	3	Must be completed with a Grade of C or better
FTD 321 – Fashion Design by Draping	3(CP)	Must be completed with a Grade of C or better
FTD 419 – Fashion Design 2	3	
FTM 497 –Senior Collection Studio	6	

Free Electives:		
Total credit hours under Major Field of Study: <i>Minimum 27 hours required in program area.</i>	102 hours	
COLLEGE REQUIREMENTS:		
Orientation Course(s): T 101 Introduction to College of Textiles	1	
Other:		
Total credit hours under College Requirements:	1 hour	

<u>NCSU GENERAL EDUCATION PROGRAM REQUIREMENTS</u>		At least one of the following must be listed:
<p><i>Courses in the Major and/or Minor may also fulfill a General Education requirement; however, a GEP category may not be subset to require a specific course from the category list. Required courses must be listed in the Major/College requirements.</i></p> <p>Specific courses should not be listed in any of the fields below other than ENG 101.</p>		<ol style="list-style-type: none"> 1 Choose course(s) from the University Approved GEP course list for this category. 2 Minimum requirements are satisfied by Major/College course requirements. 3 Major/College course requirement satisfies <u>X</u> credit hrs of this requirement. Remaining hours required must be chosen from the University Approved GEP course list for the category. 4 Co-requisite is satisfied by a Major/College course requirement. 5 Choose course(s) from the University Approved GEP course lists for the Humanities/ Social Sciences/ Visual & Performing Arts. 6 Choose course(s) from the University Approved GEP course lists for Natural Sciences/Mathematical Sciences.
General Education Program Requirements: <i>Minimum 39-40 hrs</i>	<i>Credit hours</i>	How will the GEP requirement be met? (Choose applicable statement from 1-6 listed above)
Mathematical Sciences (6 credits) (At least 1 course with MA or ST prefix) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	X	(Choose statement 1, 2 or 3) <i>Minimum requirements are satisfied by Major/College course requirements.</i>
Natural Sciences (7 credits) (At least 1 lab course or course with a lab) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	X	(Choose statement 1, 2 or 3) <i>Minimum requirements are satisfied by Major/College course requirements.</i>
English 101 (C- or better required) (4 credits)	4	ENG 101
Humanities (6 credits) (Courses from two different disciplines) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	6	(Choose statement 1, 2 or 3) <i>Choose course(s) from the University Approved GEP course list for this category.</i>
Social Sciences (6 credits) (Courses from two different disciplines) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	6	<i>Choose course(s) from the University Approved GEP course list for this category.</i>
Additional Breadth (3 credits) (Choose approach that is different from the approach of the Major) <i>Major/College requirements cannot satisfy this requirement and an AB course cannot be double-counted except in satisfying the Global Knowledge or U.S. Diversity co-requisites.</i>	3	(Choose statement 5 or 6) <i>Choose course(s) from the University Approved GEP course list for this category.</i>
Interdisciplinary Perspectives (5 credits) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	X	(Choose statement 1, 2 or 3) <i>Minimum requirements are satisfied by Major/College course requirements.</i>
Health and Exercise Studies (2 credits) (Including one Fitness and Wellness course)	2	<i>Choose course(s) from the University Approved GEP course list for this category.</i>
Total credit hours needed to complete GEP that are not satisfied as part of the Major/College requirements.	21	
GEP Co-Requisites:		Courses taken in the Major, GEP, or Minor may double-count to fulfill the co-requisites. Courses that satisfy the U.S. Diversity or Global Knowledge co-requisite are marked on course lists with a "USD" or "GK" indicator.
U.S. Diversity co-requisite (USD)	n/a	(Choose statement 1 or 4) Choose course(s) from the University Approved GEP course list

		for this category.
Global Knowledge co-requisite (GK)	n/a	<small>(Choose statement 1 or 4)</small> Choose course(s) from the University Approved GEP course list for this category.
Foreign Language Proficiency	n/a	Proficiency at the FL_102 level required.
The following requirements must be satisfied within the College/Program:		Place an X in the credit hour box to indicate below that the requirement is "Satisfied by College/Program Requirements"
Communication in the Major (Advanced Communication)	X	Satisfied by College/Program Requirements
Technology Fluency	X	Satisfied by College/Program Requirements
Total credit hours required to complete Degree: Total must be within 120-128 credit hours.	124	As applicable, indicate here the overall GPA requirement for degree completion including course completion.

Fashion and Textile Design (BS): Textile Design (18FTDBS-18FTDTEX)

CURRENT

Semester Display Effective Date: 6.2012

FRESHMAN YEAR

Fall Semester	Credit		Spring Semester	Credit
ENG 101 Academic Writing & Research ^H	4		D 101 Design Thinking II	2
D 102 Design Culture & Context I	3		FTD 200 Design Skills Workshop ²	3
TT 105 Intro to Textile Technology	3		D 103 Design Culture & Context II ^G	3
D 100 DesignThinking I ^G	2		MA 131 Calculus for Life & Mgmt Sciences ^{A,3}	3
FTD 104 First Year Studio I	4		FTD 105 First Year Studio II	4
T 101 Intro to College of Textiles	2		HES_*** Health & Exercise Studies Course ^E	1
	18			16

SOPHOMORE YEAR

Fall Semester	Credit		Spring Semester	Credit
FTD 201 Computer-Aided Textile Design & Color Studio ²	6		TMS 211 Intro to Fiber Science ^B	3
FTM 217 The Textile Industry	3		TT 252 Formation & Structure of Textile Fabrics	4
PY 205 & PY 206/211 Physics for Engineers & Scientists I/College Physics I ^B	4		FTD 373 Yarn Design Studio	3
TT 221 Yarn Production & Properties I	2		FTD 374 Surface Design & Texture	3
ADN 281 Basic Drawing	3		MA 132 Computational Mathematics ^A	1
	18		MA 231 Calculus for Life & Mgmt Sciences ^{A,3}	3
				17

JUNIOR YEAR

Fall Semester	Credit		Spring Semester (Study Abroad)	Credit
FTM 310 Entrepreneurship & NPD	3		ST 361 Intro to Statistics for Engineers ^A or ST 311 or ST 350 or ST 370	3
FTD 375 Woven Textile Design Studio I	3		FTM 282 Intro to Textile Brand Mgmt & Marketing	3
FTD 376 Knitted Textile Design Studio I	3		GEP Social Science Elective ^D	4
CH 101 Chemistry-A Molecular Science ^B	3		FTD Advised Elective ₁	
CH 102 General Chemistry Lab ^B	1		PCC 302 Technology Textile Wet Processing	16
GEP Humanities Elective ^C	3			
	16			

SENIOR YEAR

Fall Semester	Credit		Spring Semester	Credit
FTD 475 Woven Textile Design Studio II ²	3		FTD 479 Senior Textile Design Studio or	6
FTD 476 Knitted Textile Design Studio II ²	3		Interdisciplinary D Capstone Studio	
GEP Additional Breadth Requirement ^F	3		GEP Social Science Elective ^D	3
FTD Advised Elective ¹	3		GEP Humanities Elective ^C	3
HES_*** Health & Exercise Studies Course ^E	1			
	13			12

Minimum Credit Hours Required for Graduation*: 126^{i,j,k}

Major/Program Footnotes:

- FTD Advised Elective:** TT 451, TT 341, TT 321, FTD, FTM 220, FTM 3**, FTM 4**, or College of Design Course
- Must be completed with a grade of C- or better
- MA 141 is an acceptable substitute for MA 131. MA 241 is an acceptable substitute for MA 231.

***General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://oucc.dasa.ncsu.edu/general-education-program/>.

A. Mathematical Sciences (6 credit hours – one course with MA or ST prefix) *Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: MA 141 for MA 131 and 132; MA 241 for MA 231, ST 311 or ST 350 or ST 361 or ST 370*

B. Natural Sciences (7 credit hours – include one laboratory course or course with a lab) *Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: CH 101, CH 102, PY 211 or PY 205, TMS 211C. Humanities (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University Approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part of all of this requirement:**

D. Social Sciences (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement:*

E. Health & Exercise Studies (2 credit hours – at least one 100-level Health & Exercise Studies Course) *Choose from the University approved GEP Health & Exercise Studies course list.*

F. Additional Breadth (3 credit hours to be selected from the following checked University approved GEP course lists) X Humanities/Social Sciences/Visual and Performing Arts or ___ Mathematical Sciences/Natural Sciences/Engineering

G. Interdisciplinary Perspectives (5-6 credit hours) *Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: D100, D103*

H. Introduction to Writing (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following Co-Requisites must be satisfied to complete the General Education Program Requirements:

I. U.S. Diversity (USD) *Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course list as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: None*

J. Global Knowledge (GK) *Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course list as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None***

K. Foreign Language Proficiency – Proficiency at the FL 102 level is required for graduation

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Indicate display status: Current: Proposed: X Proposed Effective Semester: 1/2017

Degree/Plan Title: B.S. Fashion and Textile Design

Concentration/Subplan Title: Textile Design

Plan SIS Code: 18FTDBS

Subplan SIS Code: 18FTDTEX

Current vs Proposed

NOTE: Same- black; Added- blue; Deleted—red

New Degree Audit required? (Y or N) Y

Critical Path Courses - Identify using the code (CP) which courses are considered critical path courses which represent specific major requirements that are predictive of student success in a given program/plan. Place the (CP) next to the credit hours for the course.

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 101 Academic Writing and Research ^H	4	D 101 Design Thinking II Inquiry II: Methods and Processes^G	2 3
D102 Design Culture & Context I	3	FTD 200 Design Skills Workshop ²	3
TT 105 Introduction to Textile Technology	3	D103 Design Culture & Context II^G	3
D 100 Design Thinking I Inquiry I: Methods and Processes^G	2 3	MA 131 Calculus for Life and Management Sciences ^{A,3}	3
FTD 104 First Year Studio I FTD FY Studio I	4 6 (CP)	FTD 105 First Year Studio II FTD FY Studio 2	4 6 (CP)
T 101 Introduction to College of Textiles	2 1	HES 1** Health and Exercise Studies Course ^E	1
	Total: 18 17		Total: 16
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 201 Computer Aided Textile Design & Color Studio ²	6 (CP)	TMS 211 Intro Fiber Science ^B	3
FTM 217 The Textile Industry	3	TT 252 Formation & Structure of Textile Fabrics ²	4 (CP)
PY 205&PY206/211 Physics for Engineers & Scientists I/College Physics I^{B,3}	4	FTD 373 Yarn Design Studio ²	3 (CP)
TT 221 Yarn Production and Properties I	2	FTD 374 Surface Design and Texture	3 (CP)
ADN 281 Basic Drawing	3	MA 132 Computational Mathematics for Life & Management Sciences^A	1
		MA 231 Calculus for Life and Management Sciences B ^{A,3}	3
		HES *** Health and Exercise Studies Course^E	1
	Total: 18		Total: 17
JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTM 310 Entrepreneurship and NPD	3	ST 361 Introduction to Statistics for Engineers^A or ST 311 or ST 350 or ST 370 ST 311 Introduction to Statistics³	3
FTD 375 Woven Textile Design Studio I ²	3 (CP)	FTM 282 Intro to Textile Brand Mgmt and Mktg	3
FTD 376 Knitted Textile Design Studio I ²	3 (CP)	GEP Social Science Elective ^D	3
CH 101 Chemistry- A Molecular Science ^B	3	FTD Advised Elective ¹	3
CH 102 General Chemistry Laboratory ^B	1	PCC 302 Technology Textile Wet Processing	4
GEP Humanities Elective ^C	3	FTD Advised Elective¹	3
	Total: 16		Total: 16 15
SENIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 475 Woven Textile Design Studio II	3	FTD 479 Senior Textile Design Studio Studio or Interdisciplinary D Capstone Studio	6
FTD 476 Knitted Textile Design Studio II	3	GEP Social Sciences Elective ^D	3
PCC 302 Technology Textile Wet Processing	4	GEP Humanities Elective ^C	3
GEP Additional Breadth Requirement ^F	3		
FTD Advised Elective¹	3		
HES *** Health and Exercise Studies Course^E	1		
	Total: 13		Total: 12

Major/Program Footnotes:

1. FTD Advised Elective TT 451, TT 341, **TT 321**, FTD ***, FTM 220, FTM 3**, FTM 4** or College of Design course, or Study Abroad Approved Elective
2. Must be completed with a Grade of C- C or better
3. **MA 141 is an acceptable substitute for MA 131. MA 241 is an acceptable substitute for MA 231. Acceptable substitutions: MA 141 for MA 131, MA 241 for MA 231, ST 361 or ST 370 for ST 311, PY 205/206 for PY 211.**

*** General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. **Mathematical Sciences** (6 credit hours – one course with MA or ST prefix)
Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **MA 141 for MA 131 and 132; MA 241 for MA 231, ST 311 or ST 350 or ST 361 or ST 370**
- B. **Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)
Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **CH 101, CH 102, PY 211 or PY 205/206, TMS 211**
- C. **Humanities** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **None**
- D. **Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **None**
- E. **Physical Education/Healthy Living** (2 credit hours – at least one 100-level Fitness and Wellness Course)
Choose from the University approved GEP Physical Education/Healthy Living course list.
- F. **Additional Breadth** - (3 credit hours to be selected from the following checked University approved GEP course lists)
 Humanities/Social Sciences/Visual and Performing Arts or _____Mathematical Sciences/Natural Sciences/Engineering
- G. **Interdisciplinary Perspectives** (5-6 credit hours)
Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **D100, D103 D101**
- H. **Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:

- I. **U.S. Diversity (USD)**
Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- J. **Global Knowledge (GK)**
Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- K. **Foreign Language proficiency** - Proficiency at the FL_102 level is required for graduation.

FORMAT A
(SEMESTER-BY-SEMESTER CURRICULUM DISPLAY)

Indicate display status: Current: Proposed: X Proposed Effective Semester: 1/2017

Degree/Plan Title: B.S. Fashion and Textile Design Concentration/Subplan Title: Textile Design

Plan SIS Code: 18FTDBS Subplan SIS Code: 18FTDTEX

New Degree Audit required? (Y or N) Y

Critical Path Courses - Identify using the code (CP) which courses are considered critical path courses which represent specific major requirements that are predictive of student success in a given program/plan. Place the (CP) next to the credit hours for the course.

FRESHMAN YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
ENG 101 Academic Writing and Research ^H	4	D 101 Design Inquiry II: Methods and Processes ^G	3
TT 105 Introduction to Textile Technology	3	FTD 200 Design Skills Workshop ²	3
D 100 Design Inquiry I: Methods and Processes ^G	3	MA 131 Calculus for Life and Management Sciences ^{A,3}	3
FTD 104 FTD FY Studio I	6 (CP)	FTD 105 FTD FY Studio 2	6 (CP)
T 101 Introduction to College of Textiles	1	HES 1** Health and Exercise Studies Course ^E	1
	Total: 17		Total: 16
SOPHOMORE YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 201 Computer Aided Textile Design & Color Studio ²	6 (CP)	TMS 211 Intro Fiber Science ^B	3
FTM 217 The Textile Industry	3	TT 252 Formation & Structure of Textile Fabrics ²	4 (CP)
PY 211 College Physics I ^{B,3}	4	FTD 373 Yarn Design Studio ²	3 (CP)
TT 221 Yarn Production and Properties I	2	FTD 374 Surface Design and Texture	3 (CP)
ADN 281 Basic Drawing	3	MA 231 Calculus for Life and Management Sciences B ^{A,3}	3
		HES *** Health and Exercise Studies Course ^E	1
	Total: 18		Total: 17
JUNIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTM 310 Entrepreneurship and NPD	3	ST 311 Introduction to Statistics ³	3
FTD 375 Woven Textile Design Studio I ²	3 (CP)	FTM 282 Intro to Textile Brand Mgmt and Mktg	3
FTD 376 Knitted Textile Design Studio I ²	3 (CP)	GEP Social Science Elective ^D	3
CH 101 Chemistry- A Molecular Science ^B	3	FTD Advised Elective ¹	3
CH 102 General Chemistry Laboratory ^B	1	FTD Advised Elective ¹	3
GEP Humanities Elective ^C	3		
	Total: 16		Total: 15
SENIOR YEAR			
FALL SEMESTER	CREDITS	SPRING SEMESTER	CREDITS
FTD 475 Woven Textile Design Studio II	3	FTD 479 Senior Textile Design Studio	6
FTD 476 Knitted Textile Design Studio II	3	GEP Social Sciences Elective ^D	3
PCC 302 Technology Textile Wet Processing	4	GEP Humanities Elective ^C	3
GEP Additional Breadth Requirement ^F	3		
	Total: 13		Total: 12
Minimum Credit Hours Required for Graduation * : 124			

Major/Program Footnotes:

- 1.** FTD Advised Elective TT 451, TT 341, FTD ***, FTM 220, FTM 3**, FTM 4** or College of Design course, or Study Abroad Approved Elective
- 2.** Must be completed with a Grade of C or better
- 3.** Acceptable substitutions: MA 141 for MA 131, MA 241 for MA 231, ST 361 or ST 370 for ST 311, PY 205/206 for PY 211.

* **General Education Program (GEP) requirements and GEP Footnotes:**

To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied.

University approved GEP course lists for each of the following categories can be found at <http://www.ncsu.edu/uap/academic-standards/gep/courselists/index.html>.

- A. **Mathematical Sciences** (6 credit hours – one course with MA or ST prefix)
Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **MA 141 for MA 131; MA 241 for MA 231, ST 311 or ST 361 or ST 370**
- B. **Natural Sciences** (7 credit hours – include one laboratory course or course with a lab)
Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **CH 101, CH 102, PY 211 or PY 205/206, TMS 211**
- C. **Humanities** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **None**
- D. **Social Sciences** (6 credit hours selected from two different disciplines/course prefixes)
Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **None**
- E. **Physical Education/Healthy Living** (2 credit hours – at least one 100-level Fitness and Wellness Course)
Choose from the University approved GEP Physical Education/Healthy Living course list.
- F. **Additional Breadth** - (3 credit hours to be selected from the following checked University approved GEP course lists)
 Humanities/Social Sciences/Visual and Performing Arts or _____ Mathematical Sciences/Natural Sciences/Engineering
- G. **Interdisciplinary Perspectives** (5-6 credit hours)
Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: **D100, D101**
- H. **Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better)

The following **Co-Requisites** must be satisfied to complete the General Education Program requirements:

- I. **U.S. Diversity** (USD)
Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- J. **Global Knowledge** (GK)
Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: **None**
- K. **Foreign Language proficiency** - Proficiency at the FL_102 level is required for graduation.

CURRICULUM REQUIREMENTS

Format B

<u>Degree/Plan Title:</u> B.S. Fashion and Textile Design	<u>Plan SIS Code:</u> 18FTDBS
<u>Concentration/Subplan Title:</u> Textile Design	<u>Subplan SIS Code:</u> 18FTDTEX
<u>Indicate requirements status:</u> Current: Proposed: X	<u>Proposed Effective Semester:</u> 1/2017
<u>New Degree Audit required?</u> (Y or N) Y	
<u>Critical Path Courses</u> - Identify using the code (CP) which courses are considered critical path courses which represent specific major requirements that are predictive of student success in a given program/plan. Place the (CP) next to the credit hours for the course.	

MAJOR FIELD OF STUDY REQUIREMENTS:	Credit Hours	GEP category, if applicable	
<i>Required Courses/Groups/ Electives:</i>	<i>Credit Hours</i>	<i>GEP category, if applicable</i>	
Indicate if course or course groupings have a C-wall or MGPA requirement and which are considered Critical Path courses – indicate with (CP) next to applic. course.	List GEP category and hours satisfied by a Major requirement		
FTM 217 The Textile Industry	3		
FTM 282 Intro to Textile Brand Mgmt and Mktg	3		
FTM 310 Entrepreneurship and NPD	3		
TT 105 Introduction to Textile Technology	3		
TT 221 Yarn Production and Properties I	2		
TT 252 Formation & Structure of Textile Fabrics	4 (CP)	Must be completed with a Grade of C or better	
PCC 302 Technology Textile Wet Processing	4		
ADN 281 Basic Drawing	3		
FTD 104 FTD FY Studio I	6 (CP)		
FTD 105 FTD FY Studio 2	6 (CP)		
FTD 200 Design Skills Workshop	3		Must be completed with a Grade of C or better
FTD 201 Computer Aided Textile Design & Color Studio	6 (CP)		
FTD Advised Elective [2 courses] (TT 451, TT 341, FTD ***, FTM 220, FTM 3**, FTM 4**or College of Design course, or Study Abroad Approved Elective)	6		Must be completed with a Grade of C or better
Interdisciplinary Perspectives			
D 100 Design Inquiry I: Methods and Processes	3	Interdisciplinary Perspectives	
D 101 Design Inquiry II: Methods and Processes	3	Interdisciplinary Perspectives	
Math			
MA 131Calculus for Life and Management Sciences	3	Mathematical Sciences GEP	
MA 231Calculus for Life and Management Sciences	3	Mathematical Sciences GEP	
ST 311 Introduction to Statistics or ST 361 or ST 370	3	Mathematical Sciences GEP	
Natural Sciences			
PY 211 College Physics I or PY 205/206	4	Natural Sciences GEP	
CH 101 Chemistry- A Molecular Science	3	Natural Sciences GEP	
CH 102 General Chemistry Laboratory	1	Natural Sciences GEP	
TMS 211 Intro Fiber Science	3	Natural Sciences GEP	
<u>Concentration Courses/Groups/Electives:</u>			
FTD 373 Yarn Design Studio	3 (CP)	Must be completed with a Grade of C or better	
FTD 374 Surface Design and Texture	3 (CP)		
FTD 375 Woven Textile Design Studio I	3 (CP)	Must be completed with a Grade of C or better	
FTD 376 Knitted Textile Design Studio I	3 (CP)		
FTD 475 Woven Textile Design Studio II	3	Must be completed with a Grade of C or better	
FTD 476 Knitted Textile Design Studio II	3		
FTD 479 Senior Textile Design Studio	6		

Free Electives:		
Total credit hours under Major Field of Study: <i>Minimum 27 hours required in program area.</i>	102 hours	
COLLEGE REQUIREMENTS:		
Orientation Course(s): T 101 Introduction to College of Textiles	1	
Other:		
Total credit hours under College Requirements:	1 Hour	

<u>NCSU GENERAL EDUCATION PROGRAM REQUIREMENTS</u>		At least one of the following must be listed:
<p><i>Courses in the Major and/or Minor may also fulfill a General Education requirement; however, a GEP category may not be subset to require a specific course from the category list. Required courses must be listed in the Major/College requirements.</i></p> <p>Specific courses should not be listed in any of the fields below other than ENG 101.</p>		<ol style="list-style-type: none"> 1 Choose course(s) from the University Approved GEP course list for this category. 2 Minimum requirements are satisfied by Major/College course requirements. 3 Major/College course requirement satisfies <u>X</u> credit hrs of this requirement. Remaining hours required must be chosen from the University Approved GEP course list for the category. 4 Co-requisite is satisfied by a Major/College course requirement. 5 Choose course(s) from the University Approved GEP course lists for the Humanities/ Social Sciences/ Visual & Performing Arts. 6 Choose course(s) from the University Approved GEP course lists for Natural Sciences/Mathematical Sciences.
General Education Program Requirements: <i>Minimum 39-40 hrs</i>	<i>Credit hours</i>	How will the GEP requirement be met? (Choose applicable statement from 1-6 listed above)
Mathematical Sciences (6 credits) (At least 1 course with MA or ST prefix) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	X	(Choose statement 1, 2 or 3) <i>Minimum requirements are satisfied by Major/College course requirements.</i>
Natural Sciences (7 credits) (At least 1 lab course or course with a lab) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	X	(Choose statement 1, 2 or 3) <i>Minimum requirements are satisfied by Major/College course requirements.</i>
English 101 (C- or better required) (4 credits)	4	ENG 101
Humanities (6 credits) (Courses from two different disciplines) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	6	(Choose statement 1, 2 or 3) <i>Choose course(s) from the University Approved GEP course list for this category.</i>
Social Sciences (6 credits) (Courses from two different disciplines) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	6	(Choose statement 1, 2 or 3) <i>Choose course(s) from the University Approved GEP course list for this category.</i>
Additional Breadth (3 credits) (Choose approach that is different from the approach of the Major) <i>Major/College requirements cannot satisfy this requirement and an AB course cannot be double-counted except in satisfying the Global Knowledge or U.S. Diversity co-requisites.</i>	3	(Choose statement 5 or 6) <i>Choose course(s) from the University Approved GEP course list for this category.</i>
Interdisciplinary Perspectives (5 credits) <i>Course(s) in the Major may double-count to satisfy this requirement and also satisfy either the Global Knowledge or U.S. Diversity co-requisites.</i>	X	(Choose statement 1, 2 or 3) <i>Minimum requirements are satisfied by Major/College course requirements.</i>
Health and Exercise Studies (2 credits) (Including one Fitness and Wellness course)	2	<i>Choose course(s) from the University Approved GEP course list for this category.</i>
Total credit hours needed to complete GEP that are not satisfied as part of the Major/College requirements.	21 hours	
GEP Co-Requisites:		<i>Courses taken in the Major, GEP, or Minor may double-count to fulfill the co-requisites. Courses that satisfy the U.S. Diversity or Global Knowledge co-requisite are marked on course lists with a "USD" or "GK" indicator.</i> (Choose statement 1 or 4)
U.S. Diversity co-requisite (USD)	n/a	<i>Choose course(s) from the University Approved GEP course list for this category.</i>

Global Knowledge co-requisite	(GK)	n/a	<i>(Choose statement 1 or 4)</i> Choose course(s) from the University Approved GEP course list for this category.
Foreign Language Proficiency		n/a	Proficiency at the FL_102 level required.
The following requirements must be satisfied within the College/Program:			Place an X in the credit hour box to indicate below that the requirement is "Satisfied by College/Program Requirements"
Communication in the Major (Advanced Communication)		X	Satisfied by College/Program Requirements
Technology Fluency		X	Satisfied by College/Program Requirements
Total credit hours required to complete Degree: Total must be within 120-128 credit hours.		124 Total hours	As applicable, indicate here the overall GPA requirement for degree completion including course completion.