Julia Shadoan, Chair

Senate Recommendation 2020-12-03 UCC Report 11.17.20

From: Liz Sturgeon, Chair

The Undergraduate Curriculum Committee submits the following report for consideration to the Faculty Senate:

Potter College of Arts & Letters

Type of Item	Description of Item & Contact Information
Consent	**Proposal to Create a New Course** Item: GERM 399 Personalized Learning Laura McGee, laura.mcgee@wku.edu, 745-2763
Consent	**Proposal to Revise a Program** Item: Gender and Women's Studies Minor - 378 Contact: Dawn Hall, dawn.hall@wku.edu , 745-8944

Ogden College of Science and Engineering

Type of item	Description of Item & Contact Information
Information	**Proposal to Revise Course Catalog Listing** CS 301, Game Programming, 3 hrs. Contact: Huanjing Wang, hungjing.wang@wku.edu, x2672
Consent	**Proposal to Create a New Course** AGRO 459, Techniques in Physical Soil Description, 3 hrs. Contact: Becky Gilfillen, becky.gilfillen@wku.edu, x5970
Consent	**Proposal to Create a New Course** SEAS 175, Freshman Experience I, 1 hr. Contact: Stacy Wilson, stacy.wilson@wku.edu, x6394
Consent	**Proposal to Create a New Course** SEAS 176, Freshman Experience II, 1 hr. Contact: Stacy Wilson, stacy.wilson@wku.edu, x6394
Consent	**Proposal to Revise a Program** Ref. 518, Architectural Science, 81 hrs. Contact: Shahnaz Aly, Shahnaz.aly@wku.edu, x5849
Consent	**Proposal to Revise a Program** Ref. 555, Computer Information Technology, 60 hrs. Contact: Stacy Wilson, stacy.wilson@wku.edu, x6394

Consent	**Proposal to Revise a Program** Ref. 533, Construction Management, 81 hrs. Contact: Stacy Wilson, stacy.wilson@wku.edu, x6394
Consent	**Proposal to Revise a Program** Ref. 629/629P, Computer Science, 53 hrs. Contact: Huanjing Wang, Huanjing.wang@wku.edu, x2672
Consent	**Proposal to Revise a Program** Ref. 5007, Engineering Technology Management, 61 hrs. Contact: Stacy Wilson, stacy.wilson@wku.edu, x6394
Consent	**Proposal to Revise a Program** Ref. 5006, Manufacturing Engineering Technology, 61 hrs. Contact: Stacy Wilson, stacy.wilson@wku.edu, x6394

Gordon Ford College of Business

Type of Item	Description of Item & Contact Information
Information	**Close Program** Entrepreneurship (Ref #542) Contact: Whitney Peake, whitney.peake@wku.edu, 55408
Information	**Close Program** International Business (Ref #569) Contact: Whitney Peake, whitney.peake@wku.edu, 55408
Consent	**Revise Program** Management (Ref #723) Contact: Whitney Peake, whitney.peake@wku.edu, 55408
Consent	**Revise Program** Management – Human Resource Concentration (Ref #723) Contact: Whitney Peake, whitney.peake@wku.edu, 55408

(Action Item)

Proposal to Create a New Course: GERM 399 Personalized Learning
Potter College of Arts & Letters
Department of Modern Languages

Section 1: Proponent Contact Information

1.1 Name/Title: Laura McGee / Professor
1.2 Email address: laura.mcgee@wku.edu
1.3 Phone #: 270-745-2763

Section 2: Course Catalog Information

2.1 Course prefix (subject area) and number: GERM 399

2.2 Course CIP code: 05.0125

2.3 Course title: Personalized Learning

2.4 Abbreviated Course title: Personalized Learning

2.5 Credit hours/Variable credit: 3/ No

2.6 Repeatability: Repeatable one time for a total of 6 credits.

2.7 Course Term: Is this course intended to span more than a single term?

NO

2.8 Course Catalog Description:
Guided project-based individualized learning to develop language and cultural skills for practical applications in the workplace or academia. Focuses on study of the German-speaking world at the intermediate or advanced proficiency level. Fulfills World Language, with a grade of C or better.

2.9 Prerequisite/Co-requisites/Restrictions: Completion of GERM 202. Permission of instructor is required.

2.10 Additional Enrollment Requirements: N/A

2.11 Other Special Course Requirements: N/A

2.12 Grade Type: a standard A-F final grade

2.13 Schedule Type: Applied Learning

Section 3: Description of proposed course

3.1 Course Content Summary:
- Participation in a series of assigned activities designed to expose the student to aspects of the target language and culture at the intermediate or advanced level.
- Guided acquisition of practical reading and listening strategies at the intermediate or advanced level.
- Development of learner autonomy through completion of a series of tasks related to applied uses of the language for career purposes.
- Completion a culminating project or portfolio in German that demonstrates practical use of the language related to the student's career plans and/or academic interests.

3.2 Learning Outcomes:
The student will demonstrate independence and strategic learning in German. In conjunction with the instructor, he/she will design a feasible project that is meaningful and take action to complete all the tasks associated with the project under the supervision of the instructor. S/he will also gain knowledge and develop demonstrated intermediate or advanced proficiency in the selected topics and reflect upon his/her learning strategies.

3.3 Assessment/Evaluation:
- Language proficiency assessment based on internal measures such as a modified oral proficiency interview and/or proficiency-based evaluation of products of learning. May also include external assessments such as those available from Language Testing International or Avant Assessment.
- The compilation of a portfolio of practical language and cultural work, and reflective essays on the experiences the student gathers.

Section 4: Rationale

4.1 Reason for developing this proposed course:
- This proposed course creates a guided learning environment for students to develop language proficiency and cultural knowledge on topics that are meaningful to them and/or useful in their future careers.
- It complements other courses in German and about Germany by focusing on personalizing the learning experience.
- It helps students transfer guided and self-directed work to career applications.
- It fosters the practical life skills of goal-setting, self-discipline and life-long learning.
- It can also support students in preparing for internationally-recognized external assessments of language proficiency for the workplace by targeting the development of specific communication skills.

4.2 Relationship to similar courses offered by other university departments/units:

- Do any other courses already being offered by other university departments/units share content with this proposed course?   NO

- Are any of the proposed pre/co-requisites for this course offered by another university department/unit?   NO

- If the answer to both questions is NO, simply proceed to item 5.

- If the answer to either of those questions is YES, indicate here who in the affected departments/units was consulted, and the dates of those consultations:

Section 5: Projected Enrollments/Resources

5.1 How many students per section are expected to enroll in this proposed course?
- The expected enrollment for this course is 10 students per offering.

5.2 How many sections of this course per academic year will be offered?
- 1 section per year (or 1 every other year, as needed)

5.3 How many students per academic year are expected to enroll?
- 10 students

5.4 How were these projections calculated? Explain any supporting evidence/data you have for arriving at these projections.
- Things have shifted dramatically for German due to the closing of the major and minor. This is therefore an estimate. Regular lower division offerings will prepare students for this course. This course also serves every student who has the language proficiency to take it and wants to pursue specific academic interests and/or hone his or her language skills for the job market. There are 36 fall 2020 freshmen with 3 or 4 years of German in high school. These students could take the course soon after arriving at WKU. There are 203 fall 2020 freshmen and sophomores who had 1-2 years of high school German and may want to continue in German at WKU. This course will serve as an upper-division German-language elective for the Certificate in German Studies, new in fall 2020.

5.5 Proposed method of staffing:
- The course will be delivered by existing faculty.

5.6 Instructional technology resources: Adequate

5.7 Library resources: Will this proposed course require the use of library resources (books, journals, reference materials, audio-visual materials, electronic databases, etc.)?   NO

If YES, was a Library Resources Form submitted to the appropriate collection development librarian prior to consideration at the college curriculum level?

Section 6: Proposed term for implementation: First available

Section 7: Supplemental/Supporting Documentation: None.

Dates of prior committee approvals:

Modern Languages Department	**10/13/2020**
Potter College Curriculum Committee	**10/27/2020**
Undergraduate Curriculum Committee	**11/17/2020**
Faculty Senate	

Proposal to Revise a Program: Gender and Women's Studies Minor
Potter College of Arts & Letters
Department/Unit: English

Section 1: Proponent Contact Information
    1.1 Name/Title: Dawn Hall/English Professor & GWS Program Coordinator
    1.2 Email address: dawn.hall@wku.edu
    1.3 Phone #: 270.745.8944

Section 2: Program Information
    2.1 Current Program reference number: 378

    2.2 Current Program title: Gender and Women's Studies Minor

    2.3 Current total number of credits required in the program: 21

Section 3: Proposed program revisions and rationales

    3.1 Revision: Remove the required concentrations/tracks from the minor.
    Rationale: The GWS minor currently has two tracks, Humanities and Social
    Sciences, and requires students to take six hours in one and nine hours in the
    other. While the idea of diversifying minors was a good one, in practice the
    tracks have created confusion, endless iCap exception appeal forms, and
    numerous hurdles for students attempting the minor. Removing the tracks and
    simplifying the minor requirements would alleviate these issues.

    3.2 Revision: Raise credit hours allowed in one department from six to nine.
    Rationale: Currently GWS minors can count six hours in any one department
    toward their minor, but allowing students nine hours (3 classes) in one
    department creates more flexibility for students and meets the interdisciplinary
    nature of the minor. Additionally, this change would allow students more
    flexibility in adding the minor to a variety of degrees: e.g., major, double
    majors, double minors, certificates.

    3.3 Revision: Delete electives (see 7.1) that have not been taught in at least three
    academic years or longer. Many of the courses were created by professors with
    specific disciplinary expertise who have left the university.

    3.4 Revision: Add electives (see 7.2) that fit well with the goals of the minor to give
    students both introductory and, if desired, advanced study in areas within the
    study of Gender and Women's Studies. These courses either focus explicitly on
    gender or contain significant emphasis on the topic.

Section 4: Consultations

Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? **YES**
All departments offering a course/courses in the new or existing program have been notified of the intended changes. No concerns or opposition have been raised.

Section 5: Proposed term for implementation: Next Available

Section 6: Approval Flow Dates:

English Department	**10/07/2020**
Potter College Curriculum Committee	**10/27/2020**
Undergraduate Curriculum Committee	**11/17/2020**
Faculty Senate	

Section 7: Required Appendices: Current & proposed program descriptions:

7.1 <u>Current</u> Program Description:

15 hours of electives ~~with concentration (9 hours)~~ ~~in either the social sciences or the humanities~~, with no more than ~~6~~ 9 elective hours in any one department.

Required Courses	Credits
GWS 200 Introduction to Gender & Women's Studies	3
GWS 400 *Western Feminist Thought* (pre-requisite: GWS 200)	3

Approved Electives
GWS 375 American Masculinities	3
GWS 470 Special Topics	3
GWS 499 Directed Study in Gender & Women's Studies	3

Humanities Concentration
ANTH 343 Anthropology of Gender	3
DANC 360 Dance in Culture: Moving History	3
ENG 360 Gay and Lesbian Literature	3
ENG 387 Studies in Autobiography	3
ENG 497 Women's Literature	3
~~FLK 371 Urban Folklore~~	~~3~~
FLK 480 Women's Folklife	3
~~GWS 321 Women in Journalism~~	~~3~~
~~GWS 375 American Masculinities~~	~~3~~
~~GWS 421 Gender, Women and Science~~	~~3~~
HIST 335 Twentieth Century Europe	3
HIST 420 History of Sexuality	3
HIST 446 American Legal History since 1865	3
HIST 453 American Women's History	3
PHIL 212 Philosophy and Gender Theory	3
RELS 333 Women and Religion	3

Sciences/Social Sciences Concentration
CRIM 446 Gender, Crime, and Justice	3
FACS 495 Family & Relationship Violence	3
~~GWS American Masculinities~~	~~3~~
~~GWS 421 Women and Science~~	~~3~~
PS 373 Minority Politics	3
PS 374 Women and Politics	3
PH 365 Human Sexuality	3
PH 464 Women's Health	3
PSY 355 Issues in Cross-Cultural Psychology	3

7.1 <u>Current</u> Program Description (continued):

	Credits
PSYS 482 Psychology of Sexuality	3
PSYS 453 Psychology of Women	3
SOCL 355 Sociology of Gender	3
SOCL 359 Sexuality and Society	3
SOCL 362 Social Institutions: Race, Class, & Gender	3
SOCL 435 Family Violence	3
SOCL 466 Gender/Families	3

7.2 **Proposed** Program Description:

6 hours of required courses, plus 15 hours of electives, with no more than 9 elective hours from any one prefix.

Required Courses	Credits
GWS 200 Introduction to Gender & Women's Studies	3
GWS 400 *Western Feminist Thought* (pre-requisite: GWS 200)	3

Approved Electives

GWS 375 American Masculinities	3
GWS 470 Special Topics	3
GWS 499 Directed Study in Gender & Women's Studies	3
AFAM 343 Communities of Struggle	3
AFAM 353 Radical Blackness	3
AFAM/ENG 393 African American Literature	3
ANTH 343 Anthropology of Gender	3
CRIM 446 Gender, Crime, and Justice	3
COMM 374 Gender Communication	3
COMM 388 Seminar in Political Communication	3
DANC 360 Dance in Culture: Moving History	3
DCS 363 Narrative Discourse Prisons	3
ENG 104 Introduction to Linguistics	3
ENG 295 Pop Culture & Gender: Signs & Narratives	3
ENG 360 Gay and Lesbian Literature	3
ENG/FILM 365 Film Adaptation	3
ENG 387 Studies in Autobiography	3
ENG 388 Post Colonial Studies	3
ENG/FILM 465 Film Genres	3
ENG 488 Victorian Literature and Culture	3
ENG 489 The English Novel	3
ENG 497 Women's Literature	3
FACS 311 Family Relations	3
FACS 495 Family & Relationship Violence	3
FLK 280 Cultural Diversity in the US	3
FLK 330 Cultural Connections/Diversity	3
FLK 373 Folklore and Media	3
FLK 480 Women's Folklife	3
FILM 369 Introduction to World Cinema	3
FILM 469 Topics in World Cinema	3
HIST 329 Black Intellectual History	3
HIST 335 Twentieth Century Europe	3
HIST 420 History of Sexuality	3

7.2 **Proposed** Program Description (continued):

	Credits
HIST 446 American Legal History since 1865	3
HIST 453 American Women's History	3
PHIL 212 Philosophy and Gender Theory	3
PLS 324 Women and the Law	3
PS 373 Minority Politics	3
PS 374 Women and Politics	3
PH 365 Human Sexuality	3
PH 464 Women's Health	3
PSY/PSYS 350 Social Psychology	3
PSY 355 Issues in Cross-Cultural Psychology	3
PSYS 482 Psychology of Sexuality	3
PSYS 453 Psychology of Women	3
RELS 322 Islam and Pilgrimage	3
RELS 333 Women and Religion	3
RELS 331 Islam in America	3
RELS 341 Religion and Environment	3
RELS 401 Islam, Sexuality, and Gender	3
SOM 310 Media Diversity	3
SOCL 220 Marriage & Family	3
SOCL 350 Systems of Social Inequality	3
SOCL 355 Sociology of Gender	3
SOCL 359 Sexuality and Society	3
SOCL 362 Social Institutions: Race, Class, & Gender	3
SOCL 435 Family Violence	3
SOCL 466 Gender/Families	3
THEA 341 Culture and Performance	3
THEA 375 Topics in Drama	3

Ogden College of Science & Engineering
SEAS
Proposal to Revise Course Catalog Listing
(Consent Item)

Contact Person: Huanjing Wang, hungjing.wang@wku.edu, phone#5-2672

1. **Identification of course:**
    1.1   Course prefix (subject area) and number: CS 301
    1.2   Course title: Game Programming

2. **Current course catalog listing:** An introductory study of game software development including game object creation, animation, audio, game logic, and game engines. Design, prototyping, and development of a playable game using modern techniques will be covered. May not be counted toward a computer science major or minor.

3. **Proposed course catalog listing:** An introductory study of game software development including game object creation, animation, audio, game logic, and game engines. Design, prototyping, and development of a playable game using modern techniques will be covered.
    (aim for 25 words or less)

4. **Rationale for revision of the course catalog listing:** CS students have shown an increasing interest on game programming. It can be counted to major or minor.

5. **Proposed term for implementation: As soon as possible**

6. **Dates of prior committee approvals:**

School of Engineering and Applied Sciences	**October 2, 2020**
Ogden College Curriculum Committee	**10/22/20**
Undergraduate Curriculum Committee	**11/17/2020**
University Senate	

(Action Item)

Proposal to Create a New Course: AGRO 459
Ogden College of Science and Engineering
Department of Agriculture & Food Science

Section 1: Proponent Contact Information

    1.1 Name/Title: Becky Gilfillen/Professor of Agriculture & Food Science
    1.2 Email address: : becky.gilfillen@wku.edu
    1.3 Phone #: 55970 (work) 270-779-8359(cell)

Section 2: Course Catalog Information

  2.1   **Course prefix (subject area) and number:** AGRO 459

  2.2   **Course CIP code:** 01.0000

  2.3   **Course title:** Techniques in Physical Soil Description

  2.4   **Abbreviated Course title:** Tech Physical Soil Descript.

  2.5   **Credit hours/Variable credit:** 3 hours

  2.6   **Repeatability:** N/A

  2.7   **Course Term: Is this course intended to span more than a single term?**
        NO

2.8   **Course Catalog Description:** Field descriptions of soils in the southeastern U.S. based upon observations of several local soil series and their relationship to the online web soil survey. Training is provided for students seeking governmental positions in the soil science discipline.

  2.9   **Prerequisite/Corequisites/Restrictions:** Prerequisite: AGRO 350

  2.10 **Additional Enrollment Requirements:** Restricted to Agriculture & Food Science Majors.

  2.11 **Other Special Course Requirements:** Off campus travel to field sites and a soil judging contest in the southeast region.

  2.12 **Grade Type:** Students will be assigned a standard A-F final grade.

  2.13 **Schedule Type:** Applied Technique

Section 3: Description of proposed course
   3.1   **Course Content Summary:** Determination of soil color, texture, structure, consistency, clay percentage, wetness mottling, landscape position, slope, diagnostic horizons and parent materials. Based upon these factors, students will learn to place soils into taxonomic categories of order, suborder, group, subgroup, and families. These evaluations will then be compared to the web soil survey site prepared by the USDA-NRCS (soils.usda.gov).

   3.2 Learning Outcomes:

    1. Upon successful completion of this course, students should be able to provide the accurate soil color, texture, structure, consistency, clay percentage, wetness mottling, landscape position, slope, diagnostic horizons and parent materials for soils in the southeast.
    2. Upon successful completion of this course, students should be able to place regional soils into the correct taxonomic categories.
    3. Upon successful completion of this course, students should be able to compare data collected by them in the field to general soil series information from the web soil survey site and also in the official soil series description.

   3.3 Assessment/Evaluation: Students will observe a variety of soil profiles in the state and region. They will be responsible for completing a description sheet for each profile along with pictures & classification of those soils. Participation will be a strong component of the grade. Based on what they learn in the field, they will have two exams will be administered which cover the information from the field work and online soil survey.

Section 4: Rationale

   4.1 Reason for developing this proposed course:
   This course provides a segue between collegiate learning and training and entering the work force as a Soil Scientist. USDA-NRCS estimates they will be replacing over 50% of their Soil Science staff in the next 5 years.

   4.2 Relationship to similar courses offered by other university departments/units:

- Do any other courses already being offered by other university departments/units share content with this proposed course? NO

- Are any of the proposed pre/co-requisites for this course offered by another university department/unit? NO

- If the answer to both questions is NO, simply proceed to item 5.

- If the answer to either of those questions is YES, indicate here who in the affected departments/units was consulted, and the dates of those consultations: If yes above.

- **Section 5: Projected Enrollments/Resources**

    5.1 How many students per section are expected to enroll in this proposed course? 10

    5.2 How many sections of this course per academic year will be offered? 1 every other year

    5.3 How many students per academic year are expected to enroll? 10

    5.4 How were these projections calculated? Explain any supporting evidence/data you have for arriving at these projections. Based upon previous course offerings as a special topic.

    5.5 **Proposed method of staffing:** current faculty

    5.6 Instructional technology resources: N/A

    5.7 Library resources: Will this proposed course require the use of library resources (books, journals, reference materials, audio-visual materials, electronic databases, etc.)? NO

    If YES, was a Library Resources Form submitted to the appropriate collection development librarian prior to consideration at the college curriculum level?

Section 6: Proposed term for implementation: Fall 2021

Section 7: Supplemental/Supporting Documentation:

(Action Item)

Proposal to Create a New Course
OSCE College
School of Engineering and Applied Sciences (SEAS)

Section 1: Proponent Contact Information

   1.1 Name/Title: Stacy Wilson, SEAS Director
   1.2 Email address: stacy.wilson@wku.edu
   1.3 Phone # 56394

Section 2: Course Catalog Information

   2.1   Course prefix (subject area) and number: SEAS 175

   2.2   Course CIP code: 14.1301

   2.3   Course title: Freshmen Experience I

   2.4   Abbreviated Course title: Freshmen Experience I

   2.5   Credit hours/Variable credit: 1

   2.6   Repeatability: N/A

   2.7   Course Term: Is this course intended to span more than a single term?

      NO

   2.8   Course Catalog Description:
   For beginning college freshmen or transfer students with fewer than 24
   semester hours of credit. Transition to university experience for School of
   Engineering and Applied Sciences (SEAS) students. Topics include time
   management skills, critical thinking, exploration of SEAS majors and careers,
   campus resources, effective teamwork skills, and an introduction to the design
   process and project management.

   2.9   Prerequisite/Corequisites/Restrictions: N/A

   2.10 Additional Enrollment Requirements: This course will be restricted to
   freshmen in the School of Engineering and Applied Sciences.

   2.11 Other Special Course Requirements: N/A

   2.12 Grade Type: A-F final grade

   2.13 Schedule Type: Seminar

Section 3: Description of proposed course

3.1 Course Content Summary:
This course is designed to prepare students to be successful in the School of Engineering and Applied Sciences. This seminar course will engage students to become engaged with the university and their major within SEAS. Students will also learn about the multiple career fields supported by SEAS programs.

3.2 Learning Outcomes:

Upon completion of this course, students should be able to:
- differentiate among the meta-majors in SEAS;
- select the correct choice of major within SEAS for their interests and abilities;
- learn about the many career fields supported by SEAS programs;
- apply teamwork skills;
- describe introductory project management and design techniques;
- apply time management skills;
- use critical thinking skills; and
- identify campus resources to support their academic career.

3.3 Assessment/Evaluation:

Students will be given a variety of assignments to help them become acclimated to WKU and to learn about their field of study. There will be some teamwork assignments to promote community among the students.

Section 4: Rationale

4.1 Reason for developing this proposed course: The School of Engineering and Applied Sciences is home to nine undergraduate programs.   The reason this course is being developed is to support the new students in the SEAS programs by developing community and to give the students information about the various SEAS programs to choose which program best fits their academic goals.

4.2 Relationship to similar courses offered by other university departments/units:

- Do any other courses already being offered by other university departments/units share content with this proposed course?   NO, There are many freshmen seminar courses taught across campus. This course is specific to SEAS majors.

- Are any of the proposed pre/co-requisites for this course offered by another university department/unit?   NO

- If the answer to both questions is NO, simply proceed to item 5.

- If the answer to either of those questions is YES, indicate here who in the affected departments/units was consulted, and the dates of those consultations:

Section 5: Projected Enrollments/Resources

5.1 How many students per section are expected to enroll in this proposed course? The initial offering of this course will be in support of the School of Engineering and Applied Sciences Living Learning Community (LLC) which will have a maximum of 72 students.

5.2 How many sections of this course per academic year will be offered? Initially one section will be offered per year in support of the LLC.

5.3 How many students per academic year are expected to enroll? Initially 72 students

5.4 How were these projections calculated? Explain any supporting evidence/data you have for arriving at these projections. The initial offering of the SEAS LLC will have 72 spots for students.

5.5 Proposed method of staffing: The faculty members that taught the engineering freshmen seminar course (ENGR 175) will teach this course. ENGR 175 was taught in support of the Engineering LLC will be replaced by the SEAS LLC in Fall 2021.

5.6 Instructional technology resources: The instructional technology resources of the unit are sufficient.

5.7 Library resources: NO

Section 6: Proposed term for implementation: Fall 2021

Section 7: Supplemental/Supporting Documentation:

SEAS Curriculum Committee	10/2/2020
OSCE Curriculum Committee	**10/22/20**
Undergraduate Curriculum Committee	**11/17/2020**
University Senate	

(Action Item)

Proposal to Create a New Course
OSCE College
School of Engineering and Applied Sciences (SEAS)

Section 1: Proponent Contact Information

1.1 Name/Title: Stacy Wilson, SEAS Director
1.2 Email address: stacy.wilson@wku.edu
1.3 Phone # 56394

Section 2: Course Catalog Information

2.1 Course prefix (subject area) and number: SEAS 176

2.2 Course CIP code: 14.1301

2.3 Course title: Freshmen Experience II

2.4 Abbreviated Course title: Freshmen Experience II

2.5 Credit hours/Variable credit: 1

2.6 Repeatability: N/A

2.7 Course Term: Is this course intended to span more than a single term?

NO

2.8 Course Catalog Description:
A continuation of SEAS 175. This course will focus on the application of introductory project management and design skills in a teamwork environment.

2.9 Prerequisite:
SEAS 175

2.10 Additional Enrollment Requirements: This course will be restricted to freshmen in the School of Engineering and Applied Sciences.

2.11 Other Special Course Requirements: N/A

2.12 Grade Type: A-F final grade

2.13 Schedule Type: Seminar

Section 3: Description of proposed course

3.1   Course Content Summary:
During this course, students will be placed on teams to complete a series of tasks that culminates in final project and presentation.

3.2   Learning Outcomes:

Upon completion of this course, students should be able to:
- apply teamwork skills;
- apply introductory project management and design techniques;
- apply time management skills;
- use critical thinking skills; and
- present project results in oral and written form.

3.3   Assessment/Evaluation:

Students will be placed on a multidisciplinary team to solve a semester long program which culminates in a final presentation. There will be several assignments during the semester in support of the project to serve as check points for the teams.

Section 4: Rationale

4.1   Reason for developing this proposed course: The School of Engineering and Applied Sciences is home to nine undergraduate programs.   The reason this course is being developed is to continue to build community and enhance the topics from SEAS 175.

4.2   Relationship to similar courses offered by other university departments/units:

- Do any other courses already being offered by other university departments/units share content with this proposed course?   NO, There are many freshmen seminar courses taught across campus. This course is specific to SEAS majors.

- Are any of the proposed pre/co-requisites for this course offered by another university department/unit?   NO

- If the answer to both questions is NO, simply proceed to item 5.

- If the answer to either of those questions is YES, indicate here who in the affected departments/units was consulted, and the dates of those consultations:

Section 5: Projected Enrollments/Resources

5.1 How many students per section are expected to enroll in this proposed course? The initial offering of this course will be in support of the School of Engineering and Applied Sciences Living Learning Community (LLC) which will have a maximum of 72 students.

5.2 How many sections of this course per academic year will be offered? Initially one section will be offered per year in support of the LLC.

5.3 How many students per academic year are expected to enroll? Initially 72 students

5.4 How were these projections calculated? Explain any supporting evidence/data you have for arriving at these projections. The initial offering of the SEAS LLC will have 72 spots for students.

5.5 Proposed method of staffing: The faculty members that taught the engineering freshmen seminar course (ENGR 175) will teach this course. ENGR 175 was taught in support of the Engineering LLC will be replaced by the SEAS LLC in Fall 2021.

5.6 Instructional technology resources: The instructional technology resources of the unit are sufficient.

5.7 Library resources: NO

Section 6: Proposed term for implementation: Spring 2022

Section 7: Supplemental/Supporting Documentation:

SEAS Curriculum Committee	10/2/2020
OCSE Curriculum Committee	**10/22/20**
Undergraduate Curriculum Committee	**11/17/2020**
University Senate	

Proposal to Revise a Program: Architectural Science
Ogden College
Department/Unit: School of Engineering and Applied Sciences

Section 1: Proponent Contact Information

1.1 Shahnaz Aly, Associate Professor
1.2 Email address:Shahnaz.aly@wku.edu
1.3 Phone # 270.745.5849

Section 2: Program Information

2.1 Current Program reference number: 518

2.2 Current Program title: Architectural Science

2.3 Current total number of credits required in the program: 78

Section 3: Proposed program revisions and rationales

3.1 The Architectural and Manufacturing Sciences department no longer exists since the creation of the School of Engineering and Applied Sciences. The courses with AMS prefixes have been modified to reflect the appropriate discipline (AS, CM, MFGE, or SEAS). The course prefix changes have been submitted in the expedited curriculum process.
3.2 Remove requirement of AMS 371 course required in the major. The course as it is currently set up deals with quality from the manufacturing perspective. Aspects of quality are covered in every course in the architectural science program. Faculty in the architectural science program refer to the National CAD standards to apply and educate students on expected drawing standards in their courses and building design, construction methodology standards are referenced from the AIA and applied in technical documentation courses.
3.3 Remove 11 hours of Architectural Science Electives. These are being reconfigured into the program.
3.4 Add 14 hours of Architectural Science Electives. Electives are selected from areas which enhance students perspectives in topics related to architectural science.

Section 4: Consultations
Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? YES

The IDFM department head was contacted on 10/19/202 about the architectural science elective options.

Section 5: Proposed term for implementation: as soon as possible

Section 6: Approval Flow Dates:
SEAS: **October 2, 2020**
Ogden College Curriculum Committee: **10/22/20**
Undergraduate Curriculum Committee: **11/17/2020**
University Senate:

Section 7: Required Appendices: Current & proposed program descriptions:
7.1 Current Program Requirement: 78 hours

Architectural Graphics	AMS 151	3
Architectural Drafting	AMS 163	3
3D Modeling & Imaging	AMS 251	3
Construction Methods & Materials	AMS 261	3
Construction Methods & Materials Lab	AMS 262	1
Architectural Documentation I	AMS 263	3
Architectural Detailing	AMS 273	3
Architectural Structures	AMS 282	3
Building Codes	AMS 305	3
Survey of Building Systems	AMS 325	3
AMS 351Building Info Modeling	AMS 351	3
Architectural Documentation II	AMS 363	3
Architectural Design Studio I	AMS 369	4
~~Quality Assurance~~	~~AMS 371~~	~~3~~
Project Management	AMS 390	3
Internship I	AMS 398	1
Technology Mgmt./Sup./Team Blding	AMS 430	3
Architectural Design Studio II	AMS 469	4
Comprehensive Design	AMS 488	3
Senior Research Architectural Science	AMS 490 ~~A~~	3
Construction Management	CE 303	3
Business Writing or Technical Writing	ENG 306 or 307	3
Management Elective		3
~~Architectural Science Electives~~		~~11~~
Additional Courses Reqd in the major:		
Trigonometry	MATH 117	3
Economics	ECON 150,150C, 202, 202C, 203, 203C, 375, 390 or BUS 160C	3
Introduction to Architecture	AMS 180	3

7.2 Proposed Program Requirement: 78 hours

Architectural Graphics	AS 151	3
Architectural Drafting	AS 163	3
3D Modeling & Imaging	AS 251	3
Construction Methods & Materials	CM 261	3
Construction Methods & Materials Lab	CM 262	1
Architectural Documentation I	AS 263	3
Architectural Detailing	AS 273	3
Architectural Structures	CM 282	3
Building Codes	AS 305	3
Survey of Building Systems	SEAS 325	3
Building Info Modeling	AS 351	3
Architectural Documentation II	AS 373	3
Architectural Design Studio I	AS 369	4
Project Management	SEAS 390	3
Internship I	SEAS 398	1
Technology Mgmt./Sup./Team Blding	MFGE 430	3
Architectural Design Studio II	AS 469	4
Comprehensive Design	AS 488	3
Senior Research Architectural Science	AS 490	3
Construction Management	CE 303	3
Business Writing or Technical Writing	ENG 306 or 307	3
Management Elective		3
Architectural Science Electives		**14**
Additional Courses Reqd In the major		
Trigonometry	MATH 117	3
Economics	ECON 150,150C, 202, 202C, 203, 203C, 375, 390 or BUS 160C	3
Introduction to Architecture	AS 180	3

Architectural Science Electives:
IDFM 120
IDFM 201
IDFM 221
IDFM 243
IDFM 300
IDFM 301
IDFM 304
IDFM 344
IDFM 401
IDFM 421

IDFM 427
CE 160
CE 161
CE 316
CM 363
CM 462

Management Electives:
MGT 200
MGT 210

BACHELOR of SCIENCE in ARCHITECTURAL SCIENCES (#518)
School of Engineering & Applied Sciences
Ogden College of Science and Engineering
Western Kentucky University
The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.
SAMPLE - 4 Year Plan

FIRST YEAR	Fall Semester		Spring Semester	
	AS 151 – Architectural Graphics	3	AS 163 – Architectural Drafting	3
	AS 180 – Architecture & Civilization	3	CM 261 & 262 – Construction Methods and Materials (with a Lab)	4
	MATH 117 – Trigonometry (F-QR)	3	ENG 200 Intro to Literature (F-AH)	3
	ENG 100 Intro to College Writing (F-W1)	3	Arts and Humanities (E-AH)	3
	HIST 101 World History I OR HIST 102 World History II (F-SB)	3	Natural & Physical Science (E-NS)	3
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**16**

SECOND YEAR	Fall Semester		Spring Semester	
	AS 251 – 3D Modeling & Imaging	3	AS 273 – Architectural Detailing	3
	AS 263 – Architecture Documentation I	3	AS 351- Building Informational Modeling	3
	AS 305 – Building Codes	3	COMM 145 Fundamentals of Public Speaking (F-OC)	3
	ECON 202 – Principles of Economics (E-SB)	3	SEAS 325 – Survey of Building Systems	3
	CM 282 – Architectural Structures	3	AS 369 – Design Studio I	4
	TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**16**

World Language Proficiency: All students entering in Fall 2014 or later must demonstrate proficiency in a world language at the Novice High level before completing 60 credit hours. Novice high is the ability to communicate in writing and speaking on familiar topics in simple sentences. To meet this requirement, students may take college language courses or take a proficiency test. For more information go to www.wku.edu/modernlanguages/placement/.

Colonnade Plan: All students entering in fall 2014 or later must complete 39 hours in 13 specific Colonnade areas. Colonnade areas are listed in parentheses marked in blue after the corresponding classes. Some areas may have specific course requirements while others can be chosen from selected lists of options. For more details and to see lists of options, go to http://www.wku.edu/colonnade/documents/approved_colonnade_courses_website.pdf

Bachelor of Science in Architectural Sciences (#518) - Sample 4 Year Plan (2021-2022)

THIRD YEAR	Fall Semester		Spring Semester	
	AS 363 – Architecture Documentation II	3	SEAS 390 – Project Management	3
	CE 303 Construction Management	3	Architectural Science Electives	3
	Architectural Science Electives	3	ENG 300 Writing in the Disciplines (F-W2)	3
	Connections: Social and Cultural (K-SC)	3	General Elective	3
	SEAS 398 - Internship	1	Connections: Local to Global Course (K-LG)	3
	TOTAL CREDIT HOURS	13	TOTAL CREDIT HOURS	15

FOURTH YEAR	Fall Semester		Spring Semester	
	AS 469 – Architectural Design Studio II	4	Natural & Physical Science (E-NS,LS)	3
	AS 488 – Comprehensive Design	3	AS 490 – Senior Research Architectural Science	3
	General Elective	3	Connections Course	3
	MFGE 430: Tech Management/Supervision	3	Management Elective	3
	Architectural Science Elective	2	ENG 306 or 307	3
	TOTAL CREDIT HOURS	15	TOTAL CREDIT HOURS	15
			Total Credit Hours: 120	

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change.
Consult your advisor each semester.

For more Information: **School of Engineering & Applied Sciences**
Website: www.wku.edu/seas
Phone: 270-745-3251
Email: AS@wku.edu
Course Descriptions: http://www.wku.edu/undergraduatecatalog/

Bachelor of Science in Architectural Sciences (#518) - Sample 4 Year Plan (2021-2022)

Proposal to Revise a Program: Computer Information Technology
Ogden College of Science and Engineering
Department/Unit: School of Engineering and Applied Sciences

Section 1: Proponent Contact Information

1.1 Stacy Wilson
1.2 Email address: stacy.wilson@wku.edu
1.3 Phone # 270.745.6394

Section 2: Program Information

2.1 Current Program reference number: 555

2.2 Current Program title: Computer Information Technology

2.3 Current total number of credits required in the program: 60

Section 3: Proposed program revisions and rationales

3.1 The Architectural and Manufacturing Sciences department no longer exists since the creation of the School of Engineering and Applied Sciences. The courses with AMS prefixes have been modified to reflect the appropriate discipline (AS, CM, MFGE, or SEAS). The course prefix changes have been submitted in the expedited curriculum process.

Section 4: Consultations

Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? <u>NO</u>

Section 5: Proposed term for implementation: Fall 2021

Section 6: Approval Flow Dates:

SEAS:	**2 Oct 2020**
Ogden College Curriculum Committee:	**<u>10/22/20</u>**
Undergraduate Curriculum Committee:	**11/17/2020**
University Senate:	

Section 7: Required Appendices: Current & proposed program descriptions:

7.1 Current Program Requirement: 60 hours

100/200 level of approved courses transferred from a technical school, college, or university		24
Computer Information Technology Foundations	CIT 300	3
Web Development	CIT 302	3
Systems Architecture I	CIT 310	3
Systems Architecture II	CIT 312	3
Systems Development I	CIT 330	3
Systems Development II	CIT 332	3
Database Administration I	CIT 350	3
Database Administration II	CIT 352	3
Telecommunications I	CIT 370	3
Telecommunications II	CIT 372	3
Senior Research	AMS 490	3
400 level CIT courses or Upper Division Approved Technical Electives from list below:		21
Manufacturing Operations	AMS 342	3
Supervised Work Experience in Industry	AMS 367	3
Project Management	AMS 390	3
Lean Systems	AMS 394	3
Introduction to Supply Chain Management	AMS 396	3
Technology Management / Supervision / Team Building	AMS 430	3
Selected Topics in Industry	AMS 475	3
Additional Required Course:		
College Algebra	Math 116 or higher	3
Program Grand Total Hours		**120**

7.2 Proposed Program Requirement: 60 hours

100/200 level of approved courses transferred from a technical school, college, or university		24
Computer Information Technology Foundations	CIT 300	3
Web Development	CIT 302	3
Systems Architecture I	CIT 310	3
Systems Architecture II	CIT 312	3
Systems Development I	CIT 330	3
Systems Development II	CIT 332	3
Database Administration I	CIT 350	3
Database Administration II	CIT 352	3
Telecommunications I	CIT 370	3
Telecommunications II	CIT 372	3
Senior Research	CIT 490	3
400 level CIT courses or Upper Division Approved Technical Electives from list below:		21
Manufacturing Operations	MFGE 342	3
Supervised Work Experience in Industry	SEAS 367	3
Project Management	SEAS 390	3
Lean Systems	MFGE 394	3
Introduction to Supply Chain Management	MFGE 396	3
Technology Management / Supervision / Team Building	MFGE 430	3
Selected Topics in Industry	SEAS 475	3
Additional Required Course:		
College Algebra	Math 116 or higher	3
Program Grand Total Hours		**120**

BACHELOR of SCIENCE in COMPUTER INFORMATION TECHNOLOGY (#555)
School of Engineering & Applied Sciences
Ogden College of Science and Engineering
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected. Admission to the major is required to register for all 300 and 400 nursing classes. All upper-division nursing courses must be taken in sequence to meet NURS course prerequisite requirements.

SAMPLE – Finish in Four Plan

FIRST YEAR			
Fall Semester		**Spring Semester**	
ENG 100 Intro to College Writing (F-W1)	3	ENG 200 Intro to Literature (F-AH)	3
MATH 116 College Algebra OR MATH 109 General Mathematics (F-QR)	3	Natural & Physical Science (E-NS)	3
FREN 101 Elementary French I (or other language)	3	Arts & Humanities (E-AH)	3
COMM 145 Fundamentals of Public Speaking (F-OC)	3	FREN 102 Elementary French II (or other language, meets world language requirement)	3
UC 175 University Experience	3	HIST 101 World History I OR HIST 102 World History II (F-SB)	3
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	15

SECOND YEAR			
Fall Semester		**Spring Semester**	
ENG 300 Writing in the Disciplines (F-W2)	3	Natural & Physical Science with lab (E-NS, SL)	3
Social & Behavioral Studies (E-SB)	3	CIT 300 On Line Training Foundations	3
General or minor elective	3	CIT 302 Web Development	3
General or minor elective	3	Connections: Systems (K-SY)	3
General or minor elective	3	General or minor elective	3
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	15

BACHELOR of SCIENCE in COMPUTER INFORMATION TECHNOLOGY (#555) Finish in Four plan (2019-20)

THIRD YEAR				
Fall Semester			**Spring Semester**	
Connections: Social & Cultural (K-SC)	3		Connections: Local to Global (K-LG)	3
CIT 350 Database Administration I	3		CIT 352 Database Administration II	3
CIT 370 Telecommunications I	3		CIT 372 Telecommunications II	3
CIT 310 Systems Architecture I	3		CIT 312 Systems Architecture I	3
CIT 330 Systems Development I	3		CIT 332 Systems Development II	3
TOTAL CREDIT HOURS	**15**		**TOTAL CREDIT HOURS**	**15**

FOURTH YEAR				
Fall Semester			**Spring Semester**	
CIT 4XX Elective	3		CIT 490	3
CIT 4XX Elective	3		CIT 4XX Elective	3
CIT 4XX Elective	3		CIT 4XX Elective	3
CIT 4XX Elective	3		CIT 4XX Elective	3
CIT 4XX Elective	3		CIT 4XX Elective	3
TOTAL CREDIT HOURS	**15**		**TOTAL CREDIT HOURS**	**15**

Total Credit Hours: 120

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

Department:	School of Engineering and Applied Sciences
Phone:	270-745-3251
Website:	www.wku.edu/cit
Email:	citinfo@wku.edu or mark.revels@wku.edu
Course Description:	http://www.wku.edu/undergraduatecatalog/

BACHELOR of SCIENCE in COMPUTER INFORMATION TECHNOLOGY (#555) Finish in Four plan (2019-20)

Proposal to Revise a Program: Construction Management
Ogden College of Science and Engineering
Department/Unit: School of Engineering and Applied Sciences

Section 1: Proponent Contact Information

1.1 Stacy Wilson, Director
1.2 Email address: stacy.wilson@wku.edu
1.3 Phone # 270.745.6394

Section 2: Program Information

2.1 Current Program reference number: 533

2.2 Current Program title: Construction Management

2.3 Current total number of credits required in the program: 71-72

Section 3: Proposed program revisions and rationales

3.1 The Architectural and Manufacturing Sciences department no longer exists since the creation of the School of Engineering and Applied Sciences. The courses with AMS prefixes have been modified to reflect the appropriate discipline (AS, CM, MFGE, or SEAS). The course prefix changes have been submitted in the expedited curriculum process.

Section 4: Consultations

Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? <u>NO</u>

Section 5: Proposed term for implementation: Fall 2021

Section 6: Approval Flow Dates:

SEAS:	**2 Oct 2020**
Ogden College Curriculum Committee:	<u>**10/22/20**</u>
Undergraduate Curriculum Committee:	**11/17/2020**
University Senate:	

Section 7: Required Appendices: Current & proposed program descriptions:
7.1 <u>Current</u> Program Requirement: 71-72 hours

Architectural Drafting	~~AMS~~ 163	3
Industrial Material	~~AMS~~ 217	3
Construction Methods and Materials	~~AMS~~ 261	3
Construction Lab	~~AMS~~ 262	1
Industrial Statistics	~~AMS~~ 271	3
Building Structures	~~AMS~~ 282	3
Building Codes	~~AMS~~ 305	3
Ergonomics and Safety	~~AMS~~ 310	3
Survey of Building Systems	~~AMS~~ 325	3
Quality Assurance	~~AMS~~ 371	3
Project Management	~~AMS~~ 390	3
Lean Systems	~~AMS~~ 394	3
Internship I	~~AMS~~ 398	1
Technology Mgmt./Sup./Team Blding	~~AMS~~ 430	3
Senior Research Construction Management	~~AMS~~ 490~~B~~	3
Contract Documents	CM 250	3
Applied Soil Mechanics/Foundations	CM 346	3
Const. Estimating and Bidding	CM 363	3
Const. Scheduling	CM 462	3
Principles of Surveying	CE 160/CE 161 or AGMC170/AGMC 171	3 or 4
Construction Management	CE 303	3
Equipment and Methods	CE 316	3
Introductory Accounting-Finance (Select One)	ACCT 200, MKT 220, MKT 325, FIN 161, FINC 161C, RE 170C, BUS 100C, BUS 102C, BUS 250C, BUS 252C, or ENT 312	3
Business Law (Select One)	MGT 301 or MGT 333	3
Intro Economics/Principles of Economics (Select One)	AGEC 360, ECON 150, ECON 202, ECON 203, ECON 375, ECON 390, ECO 150C, ECO 202C, or ECO 203C	3
Additional Required Courses:		
Trigonometry	MATH 117	3
Chemistry	CHEM 105/106 or CHEM 120/121	4-5
Program Grand Total Hours		120

7.2 <u>Proposed</u> Program Requirement: 71-72 hours

Architectural Drafting	AS 163	3
Industrial Material	MFGE 217	3
Construction Methods and materials	CM 261	3
Construction Lab	CM 262	1
Industrial Statistics	MFGE 271	3
Building Structures	CM 282	3
Building Codes	AS 305	3
Ergonomics and Safety	MFGE 310	3
Survey of Building Systems	SEAS 325	3
Quality Assurance	MFGE 371	3
Project Management	SEAS 390	3
Lean Systems	MFGE 394	3
Internship I	SEAS 398	1
Technology Mgmt./Sup./Team Blding	MFGE 430	3
Senior Research Construction Management	CM 490	3
Contract Documents	CM 250	3
Const. Estimating and Bidding	CM 363	3
Applied Soil Mechanics/Foundations	CM 346	3
Const. Scheduling	CM 462	3
Principles of Surveying	CE 160/CE 161 or AGMC170/AGMC171	3 or 4
Construction Management	CE 303	3
Equipment and Methods	CE 316	3
Introductory Accounting-Finance (Select One)	ACCT 200, MKT 220, MKT 325, FIN 161, FINC 161C, RE 170C, BUS 100C, BUS 102C, BUS 250C, BUS 252C, or ENT 312	3
Business Law (Select One)	MGT 301 or MGT 333	3
Intro Economics/Principles of Economics (Select One)	AGEC 360, ECON 150, ECON 202, ECON 203, ECON 375, ECON 390, ECO 150C, ECO 202C, or ECO 203C	3
Additional Required Courses:		
Trigonometry	MATH 117	3
Chemistry	CHEM 105/106 or CHEM 120/121	4-5
Program Grand Total Hours		120

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CM - Four Year Plan

FIRST YEAR			
Fall Semester		**Spring Semester**	
AS 163 Architectural Drafting	3	CHEM 105/106 or 120/121: (E-NS, LS)	4-5
MATH 117 –Trigonometry or higher math class (Foundations)(F-QR)	3	Natural & Physical Sciences (E-NS)	3
ENG 100 Intro to College Writing (Foundation) (F-W1)	3	HIST 101 World History I OR HIST 102 World II (F-SB)	3
Arts & Humanities (E-AH)	3	Human Communication (F-OC)	3
Economics Elective* (E-SB)	3	Literary Studies (F-AH)	3
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	16-17

SECOND YEAR			
Fall Semester		**Spring Semester**	
CM 282 Building Structures	3	World Language	3
MFGE 310 Ergonomics and Safety	3	MFGE 271: Industrial Statistics	3
CE 160/161 Surveying 1 (with a Lab)	4	CM 261/262	4
MFGE 217: Industrial Materials	3	CM 250 Contract Documents	3
Accounting/Finance Elective*	3	General Elective	1-2
TOTAL CREDIT HOURS	16	**TOTAL CREDIT HOURS**	14-15

THIRD YEAR			
Fall Semester		**Spring Semester**	
CM 363 Construction Estimating and Bidding I	3	CE 316 Equipment & Methods	3
AS 305 Building Codes	3	CM 462 Construction Scheduling	3
CE 303 Construction Management	3	Business Law Elective*	3
MFGE 394 Lean Systems	3	Connections: Social and Cultural (K-SC)	3
ENG 300 Writing in the Disciplines (F-W2)	3	Connections: Local to Global Course (K-LG)	3
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	15

BACHELOR of SCIENCE in CONSTRUCTION MANAGEMENT (#533) Finish in Four plan (2020-21)

FOURTH YEAR				
Fall Semester		**Spring Semester**		
MFGE 430 Technology Mgt/Supervision	3	CM 490 Senior Research	3	
SEAS 325 Survey of Building Systems	3	MFGE 371 Quality Assurance	3	
CM 346: Applied Soil Mechanics	3	SEAS 398 Internship	1	
SEAS 390 Project Management	3	Connections: Systems (K-SY)	3	
General Elective	3	General Elective	3	
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**13**	

Total Credit Hours: 120

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

1. Accounting/Financial Elective: Choose one course from: ACCT 200, MKT 220, MKT 325, MKT 390, FIN 161, RE170C, BUS 100C, BUS 102C, BUS 110C BUS 250C, BUS 252C, ENT 312
2. Business Law Elective: Choose one course from: MGT 301, MGT 333, MGT 365
3. Economics Elective: Choose one course from: ECON 150, ECON 202, ECON 203, ECON 375, ECON 390, AGEC 360, BUS 160C, BUS 212C

PLEASE NOTE: Prerequisites, Course Numbers, and Course Titles are subject to change. Consult your advisor each semester.

For more information: **School of Engineering and Applied Sciences**
Website: www.wku.edu/seas
Phone: 270-745-3251
Email: seas@wku.edu
Course Descriptions: http://www.wku.edu/undergraduatecatalog/

BACHELOR of SCIENCE in CONSTRUCTION MANAGEMENT (W533) Finish in Four plan (2020-21)

Proposal to Revise a program: Computer Science
Ogden College
Department/Unit: School of Engineering and Applied Sciences
Section 1: Proponent Contact Information

1.1 Name/Title: Huanjing Wang, Professor
1.2 Email address: huanjing.wang@wku.edu
1.3 Phone #: 745-2672

Section 2: Program Information

2.1 Current Program reference number: 629/629P

2.2 Current Program title: Computer Science

2.3 Current total number of credits required in the program: 53

Section 3: Proposed program revisions and rationales

3.1 Remove one of pre-major requirement CS 331 and change 629P to "To be admitted to the computer science major, students must complete CS 290 or CS 221 with grades of C or better"
This revision will let students enter the major one year earlier since we decide to offer CS 339 once per year. CS 180 is prerequisite of CS 290. So we don't need to list CS 180. This will help students enter major earlier and improve the retention rate.

Section 4: Consultations: N/A
Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? <u>NO</u>
.

Section 5: Proposed term for implementation: Fall 2021

Section 6: Approval Flow Dates:

School of Engineering and Applied Sciences	**2 Oct 2020**
Ogden College Curriculum Committee	**10/22/20**
Undergraduate Curriculum Committee	**11/17/2020**
University Senate	

Section 7: Required Appendices: Current & proposed program descriptions:
7.1 Current program requirement:

The major in computer science requires a minimum of **53** semester hours. To be admitted to the computer science major, students must complete ~~CS 180, CS 290, and CS 331~~ with grades of C or better. In addition, all CS courses counting toward the CS program major must be completed with a grade of "C" or better. Computer Science electives may include from 0-3 hours of 200-level courses. Students must adhere to all University Policies as indicated in the WKU catalog section "Academic Information." Additional requirements are as follows:

Systems/Scientific Applications Concentration

Requirements:

CS 180 Computer Science I	4
CS 290 Computer Science II	4
CS 331 Computer Science III	3
CS 325 Computer Organization and Architecture	3
CS 339 Discrete Structures	3
CS 351 Database Management Systems I	3
CS 360 Software Engineering	3
CS 382 Programming Languages	3
CS 396 Intermediate Software Project	3
CS 421 Data Structures and Algorithm Analysis	3
CS 425 Operating Systems I	3
CS 496 Senior Project and Professional Practice	3
CS Elective*	3
CS Elective*	3
CS Elective*	3
CS Elective*	3
STAT 301 Probability and Applied Statistics	3
Technical Course Total	**53**

Other requirements:

MATH 136 Calculus I	4
ENG 307 Technical Writing	3
Math Elective*	3 or 4
Math Elective*	3
Two natural science courses (at least 6 hrs; at least one course must include a lab) designed for Science/Engineering majors	7
Other Hours Total	**20 or 21**

List of Courses to Satisfy CS Elective*

CS 372 Mobile App Development	3
CS 381 Introduction to Computer Networks	3
CS 443 Database Management Systems	3
CS 445 Operating Systems II	3
CS 446 Interactive Computer Graphics	3
CS 450 Computer Networks	3

CS 456 Artificial Intelligence   3

List of Courses to Satisfy Math Elective*
MATH 137 Calculus II   4
MATH 305 Introduction to Mathematical Modeling 3
MATH 307 Introduction to Linear Algebra   3
MATH 331 Differential Equations   3
MATH 405 Numerical Analysis I   3
MATH 406 Numerical Analysis II   3
MATH 470 Introduction to Operations Research   3
MATH 473 Introduction to Graph Theory   3
STAT 401 Regression Analysis   3
STAT 402 Experimental Design   3

General Option
Requirements:
CS 180 Computer Science I   4
CS 290 Computer Science II   4
CS 331 Computer Science III   3
CS 325 Computer Organization and Architecture   3
CS 339 Discrete Structures   3
CS 351 Database Management Systems I   3
CS 360 Software Engineering   3
CS 382 Programming Languages   3
CS 396 Intermediate Software Project   3
CS 421 Data Structures and Algorithm Analysis   3
CS 425 Operating Systems I   3
CS 496 Senior Project and Professional Practice   3
CS Elective* 200-level or above (excluding CS 226 and 257)   3
CS Elective* 300-level or above   6
CS Elective* 400-level or above   3
STAT 301   3
Technical Course Total   **53**

Other requirements:
MATH 136 Calculus I   4
ENG 307 Technical Writing   3

CS Elective*
At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major.

7.2 Proposed program requirement:

The major in computer science requires a minimum of **53** semester hours. To be admitted to the computer science major, students must complete **CS 290 or CS 221** with grades of C or better. In addition, all CS courses counting toward the CS program major must be completed with a grade of "C" or better. Computer Science electives may include from 0-3 hours of 200-level courses. Students must adhere to all University Policies as indicated in the WKU catalog section "Academic Information." Additional requirements are as follows:

Systems/Scientific Applications Concentration

Requirements:

CS 180 Computer Science I	4
CS 290 Computer Science II	4
CS 331 Computer Science III	3
CS 325 Computer Organization and Architecture	3
CS 339 Discrete Structures	3
CS 351 Database Management Systems I	3
CS 360 Software Engineering	3
CS 382 Programming Languages	3
CS 396 Intermediate Software Project	3
CS 421 Data Structures and Algorithm Analysis	3
CS 425 Operating Systems I	3
CS 496 Senior Project and Professional Practice	3
CS Elective*	3
CS Elective*	3
CS Elective*	3
CS Elective*	3
STAT 301 Probability and Applied Statistics	3
Technical Course Total	**53**

Other requirements:

MATH 136 Calculus I	4
ENG 307 Technical Writing	3
Math Elective*	3 or 4
Math Elective*	3
Two natural science courses (at least 6 hrs; at least one course must include a lab) designed for Science/Engineering majors	7
Other Hours Total	**20 or 21**

List of Courses to Satisfy CS Elective*

CS 372 Mobile App Development	3
CS 381 Introduction to Computer Networks	3
CS 443 Database Management Systems	3
CS 445 Operating Systems II	3
CS 446 Interactive Computer Graphics	3
CS 450 Computer Networks	3
CS 456 Artificial Intelligence	3

List of Courses to Satisfy Math Elective*

MATH 137 Calculus II	4
MATH 305 Introduction to Mathematical Modeling	3
MATH 307 Introduction to Linear Algebra	3
MATH 331 Differential Equations	3
MATH 405 Numerical Analysis I	3
MATH 406 Numerical Analysis II	3
MATH 470 Introduction to Operations Research	3
MATH 473 Introduction to Graph Theory	3
STAT 401 Regression Analysis	3
STAT 402 Experimental Design	3

General Option

Requirements:

CS 180 Computer Science I	4
CS 290 Computer Science II	4
CS 331 Computer Science III	3
CS 325 Computer Organization and Architecture	3
CS 339 Discrete Structures	3
CS 351 Database Management Systems I	3
CS 360 Software Engineering	3
CS 382 Programming Languages	3
CS 396 Intermediate Software Project	3
CS 421 Data Structures and Algorithm Analysis	3
CS 425 Operating Systems I	3
CS 496 Senior Project and Professional Practice	3
CS Elective* 200-level or above (excluding CS 226 and 257)	3
CS Elective* 300-level or above	6
CS Elective* 400-level or above	3
STAT 301	3
Technical Course Total	**53**

Other requirements:

MATH 136 Calculus I	4
ENG 307 Technical Writing	3

CS Elective*
At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major.

BACHELOR of SCIENCE in COMPUTER SCIENCE – General OPTION (#629)
School of Engineering and Applied Sciences
Ogden College of Science and Engineering
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected. To be admitted to the computer science major, students must complete CS 290 or CS 221 with grades of C or better. In addition, all CS courses counting toward the CS program major must be completed with a grade of "C" or better. Computer Science electives may include from 0-3 hours of 200-level courses. Students must adhere to all University Policies as indicated in the WKU catalog section "Academic Information."

SAMPLE – Finish in Four Plan

FIRST YEAR			
Fall Semester		**Spring Semester**	
CS180: Computer Science 1	4	CS290: Computer Science II	4
Arts & Humanities Elective (E-AH)	3	MATH136: Calculus I (F-QR)	4
ENG100: Freshman English (F-W1)	3	COMM 145: Public Speaking (F-OC)	3
Natural and Physical Science & Lab (E-NS, LS)	4	Free Elective	3
Free Elective	2		
TOTAL CREDIT HOURS	16	**TOTAL CREDIT HOURS**	14

SECOND YEAR			
Fall Semester		**Spring Semester**	
CS 331 Data Structures	3	CS351: Intro to Database Systems	3
ENG307: Technical Writing	3	World History (F-SB)	3
Literary Studies (F-AH)	3	CS325: Computer Organization and Architecture	3
CS 2xx Elective	3	Free Elective	3
STAT301: Prob/Applied Stats	3	CS 339: Discrete Structures	3
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	15

BACHELOR of SCIENCE in CS – General Option (#629) Finish in Four plan (2018-19)

THIRD YEAR				
Fall Semester		**Spring Semester**		
Natural and Physical Science (E-NS)	3	CS382: Programming Languages	3	
CS396: Intermediate Software Project	3	CS 3xx Elective	3	
CS 360: Software Engineering	3	Social & Behavioral Sciences (E-SB)	3	
CS 3xx Elective	3	Free Elective	3	
ENG300: Writing in the Disciplines (F-W2)	3	World Language (if needed) or general elective	3	
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	15	

FOURTH YEAR				
Fall Semester		**Spring Semester**		
CS425: Operating Systems I	3	CS496: CS Project and Professional Practice	3	
Free Elective	3	CS 4xx Elective	3	
Connections Systems (K-SY)	3	Free Elective	3	
CS421: Data Structures and Algorithm Analysis	3	Connections Local to Global (K-LG)	3	
Connections Social & Cultural (K-SC)	3	Free Elective	3	
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	15	

Total Credit Hours: 120

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

For more Information: **School of Engineering & Applied Sciences**

Website: www.wku.edu/seas

Phone: 270-745-3251

Email: seas@wku.edu

Course Descriptions: http://www.wku.edu/undergraduatecatalog/

BACHELOR of SCIENCE in CS – General Option (#629) Finish in Four plan (2018-19)

BACHELOR of SCIENCE in COMPUTER SCIENCE – SYSTEMS/SCIENTIFIC APPLICATIONS CONCENTRATION (#629)
School of Engineering and Applied Sciences
Ogden College of Science and Engineering
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected. To be admitted to the computer science major, students must complete CS 290 or CS 221 with grades of C or better. In addition, all CS courses counting toward the CS program major must be completed with a grade of "C" or better. Computer Science electives may include from 0-3 hours of 200-level courses. Students must adhere to all University Policies as indicated in the WKU catalog section "Academic Information."

SAMPLE – Finish in Four Plan

FIRST YEAR				
Fall Semester		**Spring Semester**		
CS180: Computer Science 1	4	CS290: Computer Science II	4
World History (F-SB)	3	MATH136: Calculus I (F-QR)	4
ENG100: Freshman English (F-W1)	3	COMM 145: Public Speaking (F-OC)	3
World Language (if needed) or general elective	3	Arts & Humanities Elective (E-AH)	3
Free Elective	3		
TOTAL CREDIT HOURS	16	**TOTAL CREDIT HOURS**	14

SECOND YEAR				
Fall Semester		**Spring Semester**		
CS 331: Data Structures	3	CS351: Intro to Database Systems	3
STAT301: Prob/Applied Stats	3	CS 339: Discrete Structures	3
Literary Studies (F-AH)	3	CS325: Computer Organization and Architecture	3
Natural and Physical Science & Lab (E-NS, LS)	4	ENG307: Technical Writing	3
		Natural and Physical Science & Lab (E-NS)	4
TOTAL CREDIT HOURS	13	**TOTAL CREDIT HOURS**	16

BACHELOR of SCIENCE in CS – SYSTEMS (#629) Finish in Four plan (2018-19)

THIRD YEAR			
Fall Semester		**Spring Semester**	
Math Elective	3	CS382: Programming Languages	3
CS396: Intermediate Software Project	3	General Elective	3
CS 360: Software Engineering	3	CS elective (CS 372 or CS 381 or CS 446)	3
CS elective (CS 443, CS 450, or CS 456)	3	Math Elective	3
ENG300: Writing in the Disciplines (F-W2)	3	Social & Behavioral Sciences (E-SB)	3
TOTAL CREDIT HOURS	16	**TOTAL CREDIT HOURS**	15

FOURTH YEAR			
Fall Semester		**Spring Semester**	
CS425: Operating Systems I	3	CS496: CS Project and Professional Practice	3
General Elective	3	CS elective (CS 445 or CS 446)	3
Connections Systems (K-SY)	3	General Elective	3
CS421: Data Structures and Algorithm Analysis	3	Connections Local to Global (K-LG)	3
CS Elective (CS 443 or CS 456)	3	Connections Social & Cultural (K-SC)	3
TOTAL CREDIT HOURS	15	**TOTAL CREDIT HOURS**	15

Total Credit Hours: 120

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

For more Information: **School of Engineering & Applied Sciences**

Website: www.wku.edu/seas

Phone: 270-745-3251

Email: seas@wku.edu

Course Descriptions: http://www.wku.edu/undergraduatecatalog/

BACHELOR of SCIENCE in CS — SYSTEMS (#629) Finish in Four plan (2018-19)

Proposal to Revise a Program: Engineering Technology Management
Ogden College of Science and Engineering
Department/Unit: School of Engineering and Applied Sciences

Section 1: Proponent Contact Information

1.1 Stacy Wilson
1.2 Email address: stacy.wilson@wku.edu
1.3 Phone # 270.745.6394

Section 2: Program Information

2.1 Current Program reference number: 5007

2.2 Current Program title: Engineering Technology Management

2.3 Current total number of credits required in the program: 63

Section 3: Proposed program revisions and rationales

3.1 The Architectural and Manufacturing Sciences department no longer exists since the creation of the School of Engineering and Applied Sciences. The courses with AMS prefixes have been modified to reflect the appropriate discipline (AS, CM, MFGE, or SEAS). The course prefix changes have been submitted in the expedited curriculum process.

Section 4: Consultations
Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? <u>No</u>

Section 5: Proposed term for implementation: Fall 2021

Section 6: Approval Flow Dates:

SEAS:	**2 Oct 2020**
Ogden College Curriculum Committee:	**<u>10/22/20</u>**
Undergraduate Curriculum Committee:	**11/17/2020**
University Senate:	

Section 7: Required Appendices: Current & proposed program descriptions:
7.1 Current Program Requirement: 63 hours

100/200 level of approved courses transferred from a technical school, college, or university		24
Industrial Statistics (Statistics)	AMS 271	3
Senior Research	AMS 490E	3
Manufacturing Operations	AMS 342	3
Safety and Ergonomics	AMS 310	3
Systems Design and Operation (Operations Management)	AMS 356	3
Project Management	AMS 390	3
Technology Mgmt./Sup./Team Blding	AMS 430	3
Quality Assurance	AMS 371	3
Lean and Supply Chain Systems	AMS 394	3
Upper Division Approved Technical Electives		12
Additional Required Course:		
College Algebra	MATH 116 or higher	3
Program Grand Total Hours:		**120**

7.2 Proposed Program Requirement: 63 hours

100/200 level of approved courses transferred from a technical school, college, or university		24
Industrial Statistics (Statistics)	MFGE 271	3
Senior Research	MFGE 490 B	3
Manufacturing Operations	MFGE 342	3
Safety and Ergonomics	MFGE 310	3
Systems Design and Operation (Operations Management)	MFGE 356	3
Project Management	SEAS 390	3
Technology Mgmt./Sup./Team Blding	MFGE 430	3
Quality Assurance	MFGE-371	3
Lean and Supply Chain Systems	MFGE 394	3
Upper Division Approved Technical Electives		12
Additional Required Course:		
College Algebra	MATH 116	3
Program Grand Total Hours:		**120**

SAMPLE – Finish in Four Plan

THIRD YEAR				
Fall Semester			**Spring Semester**	
MFGE 271 Industrial Statistics	3		MFGE 371 Quality Assurance	3
MFGE 342 Manufacturing Operations	3		MFGE 356 Systems Design and Operations	3
Technical Upper-Division Elective	3		MFGE 310 Ergonomics and Safety	3
			MFGE 430 Technology Management / Team Building	3
TOTAL CREDIT HOURS	**9**		**TOTAL CREDIT HOURS**	**12**

FOURTH YEAR				
Fall Semester			**Spring Semester**	
SEAS 390 Project Management	3		MFGE 490B Senior Research for TM	3
MFGE 394 Lean and Supply Chain Systems	3		Technical Upper-Division Elective	3
Technical Upper-Division Elective	3		Technical Upper-Division Elective	3
TOTAL CREDIT HOURS	**9**		**TOTAL CREDIT HOURS**	**9**

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

BACHELOR of SCIENCE in TECHNOLOGY MANAGEMENT (#575) Finish in Four plan (2021-2022)

BACHELOR of SCIENCE in TECHNOLOGY MANAGEMENT (#575) Finish in Four plan (2021-2022)

Proposal to Revise a Program: Manufacturing Engineering Technology (#5006)
Ogden College of Science and Engineering
Department/Unit: School of Engineering and Applied Sciences

Section 1: Proponent Contact Information

1.1 Stacy Wilson
1.2 Email address: stacy.wilson@wku.edu
1.3 Phone # 270.745.6394

Section 2: Program Information

2.1 Current Program reference number: 5006

2.2 Current Program title: Manufacturing Engineering Technology

2.3 Current total number of credits required in the program: 61

Section 3: Proposed program revisions and rationales

3.1 The Architectural and Manufacturing Sciences department no longer exists since the creation of the School of Engineering and Applied Sciences. The courses with AMS prefixes have been modified to reflect the appropriate discipline (AS, CM, MFGE, or SEAS). The course prefix changes have been submitted in the expedited curriculum process.

Section 4: Consultations
Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? NO

Section 5: Proposed term for implementation: Fall 2021

Section 6: Approval Flow Dates:

SEAS:	**2 Oct 2020**
Ogden College Curriculum Committee:	**10/22/20**
Undergraduate Curriculum Committee:	**11/17/2020**
University Senate:	

Section 7: Required Appendices: Current & proposed program descriptions:
7.1 Current Program Requirement: 61 hours

Technical Core:		37 hrs	
Finance Selective	ACCT 200 or MKT 220 or FIN 161 (E-SB) or ECON 202 or ECON 203	3	
Agricultural Mechanics	AGMC 371/372	3	
Basic Electricity (Digital Circuits, Circuits and Networks)	AMS 120 or EE 180 or EE 210	3	
CAD (Freshman Design II)	AMS 205 or AMS 163 or ME 180	3	
Industrial Statistics (Statistics)	AMS 271 or ECON 206 or MATH 183 or STAT 301	3	
Internship I (Contemporary Issues)	AMS 398 or UC 400 or AMS 401	1	
Senior Research	AMS 490E	3	
Robotics and Machine Vision	AMS 328	3	
Industrial Materials (Materials/ Methods Manufacturing)	AMS 217 or ME 240	3	
Manufacturing Methods	AMS 227	3	
Manufacturing Operations	AMS 342	3	
Automated Systems	AMS 343	3	
Computer Numeric Control	AMS 370	3	
Management Core:		24 hrs	
Safety and Ergonomics	AMS 310	3	
Systems Design and Operation (Operations Management)	AMS 356 or MGT 314	3	
Project Management	AMS 390	3	
Technology Mgmt./Sup./Team Blding	AMS 430	3	
Quality Assurance	AMS 371	3	
Lean and Supply Chain Systems	AMS 394	3	
Communications Selective	COMM 345 or COMM 346 or COMM 349(K-SY) or COMM 362 or MGT 361 or COMM 330 or COMM 348	3	
Business Law Selective	MGT 301 or MGT 333	3	
Additional Required Courses:			
Math	MATH 117	**3**	
Chemistry	CHEM 105/106 OR 120/121	4-5	
Physics	PHYS 231/232	4	
Program Grand Total Hours:		**120**	

7.2 Proposed Program Requirement: 61 hours

Technical Core:		*37 hrs*	
Finance Selective	ACCT 200 or MKT 220 or FIN 161 (E-SB) or ECON 202 or ECON 203	3	
Agricultural Mechanics	AGMC 371/372	3	
Basic Electricity (Digital Circuits, Circuits and Networks)	MFGE 120 or EE 180 or EE 210	3	
CAD (Freshman Design II)	MFGE 205 or AS 163 or ME 180	3	
Industrial Statistics (Statistics)	MFGE 271 or ECON 206 or MATH 183 or STAT 301	3	
Internship I (Contemporary Issues)	SEAS 398 or UC 400 or SEAS 401	1	
Senior Research	MFGE 490A	3	
Robotics and Machine Vision	MFGE 328	3	
Industrial Materials (Materials/ Methods Manufacturing)	MFGE 217 or ME 240	3	
Manufacturing Methods	MFGE 227	3	
Manufacturing Operations	MFGE 342	3	
Automated Systems	MFGE 343	3	
Computer Numeric Control	MFGE 370	3	
Management Core:		*24 hrs*	
Safety and Ergonomics	MFGE 310	3	
Systems Design and Operation (Operations Management)	MFGE 356 or MGT 314	3	
Project Management	SEAS 390	3	
Technology Mgmt./Sup./Team Blding	MFGE 430	3	
Quality Assurance	MFGE 371	3	
Lean and Supply Chain Systems	MFGE 394	3	
Communications Selective	COMM 345 or COMM 346 or COMM 349(K-SY) or COMM 362 or MGT 361 or COMM 330 or COMM 348	3	
Business Law Selective	MGT 301 or MGT 333	3	
Additional Required Courses:			
Math	MATH 117	**3**	
Chemistry	CHEM 105/106 OR 120/121	4-5	
Physics	PHYS 231/232	4	
Program Grand Total Hours:		**120**	

BACHELOR of SCIENCE in MANUFACTURING ENGINEERING TECHNOLOGY (#5006) School of Engineering & Applied Sciences Ogden College of Science and Engineering Western Kentucky University
The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.

SAMPLE – Finish in Four Plan

FIRST YEAR				
Fall Semester			**Spring Semester**	
AS 163 Architectural Drafting OR MFGE 205 CADD for Manufacturing OR ME 180	3		HIST 101 World History I OR HIST 102 World History II (F-SB)	3
MFGE 120 Basic Electricity	3		MFGE 271 Industrial Statistics	3
CHEM 105 and 106 or CHEM 120 and 121	4		Finance Elective: ACCT 200 or MKT 220 or FIN 161 (E-SB) or ECON 202 or ECON 203	3
ENG 100 Intro to College Writing (F-W1)	3		MFGE 227 Introduction to Manufacturing Methods	3
MATH 117 Trigonometry (F-QR)	3		COMM 145 Fund of Public Speaking & Communications (F-OC)	3
TOTAL CREDIT HOURS	**16**		**TOTAL CREDIT HOURS**	**15**

SECOND YEAR				
Fall Semester			**Spring Semester**	
World Language, if needed, OR General Elective	3		ENG 200 Intro to Literature (F-AH)	3
MFGE 371 Quality Assurance	3		MFGE 370 Computer Numeric Control	3
MFGE 217 Industrial Materials	3		Business Law Elective: MGT 310 OR MGT 333	3
Social and Behavioral Sciences (E-SB)	3		ENG 300 Writing in the Disciplines (F-W1)	3
PHYS 231 & 232 Physics/Biophysics I & Lab	4		Arts and Humanities (E-AH)	3
TOTAL CREDIT HOURS	**16**		**TOTAL CREDIT HOURS**	**15**

BACHELOR of SCIENCE in MANUFACTURING ENGINEERING TECHNOLOGY (#5006) Finish in Four plan (2021-2022)

THIRD YEAR				
Fall Semester		**Spring Semester**		
MFGE 328 Robotics and Machine Vision	3	SEAS 390 Project Management	3	
MFGE 356 Systems Design and Operations	3	MFGE 310 Work Design/Ergonomics	3	
AGMC 371/372	3	MFGE 343 Automated Systems	3	
Communications Elective: COMM 345 or COMM 346 or COMM 349(K-SY) or COMM 362 or MGT 361 or COMM 330 or COMM 348	3	MFGE 342 Manufacturing Operations	3	
Connections: Social and Cultural (K-SC)	3	Connections: Local to Global Course (K-LG)	3	
General Elective	3			
TOTAL CREDIT HOURS	**18**	**TOTAL CREDIT HOURS**	**15**	

FOURTH YEAR				
Fall Semester		**Spring Semester**		
MFGE 430 Technology Management/Supervision/Team Building	3	MFGE 394 Lean and Supply Chain Systems	3	
General Elective	3	MFGE 490A Senior Research for MET (or elective if Study Away)	3	
SEAS 398 Internship OR UC 400 Faculty-Mentored Undergraduate Research experience	1	General Elective	3	
Connections: Systems (K-SY)	3	General Elective	3	
General Elective or Study Away substitute for MFGE 490A	5	General Elective	3	
TOTAL CREDIT HOURS	**18**	**TOTAL CREDIT HOURS**	**15**	

Total Credit Hours: 125

For more details and courses offered in the Colonnade General Education program visit the website.

World Language Requirement: Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

For more information: School of Engineering and Applied Sciences
                                          Website: www.wku.edu/seas
                                          Phone: 270-745-3251
                                          Email: seas@wku.edu
                                          Course Descriptions: http://www.wku.edu/undergraduatecatalog/

BACHELOR of SCIENCE in MANUFACTURING ENGINEERING TECHNOLOGY (#5006) Finish in Four plan
(2021-2022)

Gordon Ford College of Business
Department Name Management
Proposal to Delete a Program
(Consent Item)

Contact Person: Whitney Peake, Chair
Email: whitney.peake@wku.edu
Phone: 270-551-2251

1.   **Identification of program:**
      1.1   Program reference number: 52.0701.4931
      1.2   Program title: Entrepreneurship
      1.3   Credit hours: 70

2.   **Rationale for the program deletion:**

The major currently has 17 admitted students and 46 students seeking admission. As such, this is a very small major compared to the faculty resources it demands for its continuance. With the deletion of the major and a move to the concentration format as part of the Management major, there are substantial cost savings and efficiencies to the department.

3.   **Effect on current students or other departments, if known:**

The chair has consulted with the GFCB Coordinator for undergraduate student services, Dr. Pat Jordan in deleting the program to ensure there would not be negative impacts on current students. While the major will be deleted, we also propose entrepreneurship as a program revision to the Management major. The required courses are still offered under the concentration format, and will allow a seamless teach-out, with any substitution of electives allowed to ensure on-time graduation.

Currently any program offering a required course for the major is still listed as a required course for the concentration, so there is no known effect on other departments.

4.   **Proposed term for implementation:** Fall 2021

5.   **Dates of prior committee approvals:**

Department/ Unit Management	**09/30/2020**
GFCB College Curriculum Committee	**10/21/2020**
Professional Education Council (if applicable)	
Undergraduate Curriculum Committee	**11/17/2020**
University Senate	

Gordon Ford College of Business
Department Name Management
Proposal to Delete a Program
(Consent Item)

Contact Person: Whitney Peake, Chair
Email: whitney.peake@wku.edu
Phone: 270-551-2251

1. **Identification of program:**
   1.1   Program reference number: 52.01101.4935
   1.2   Program title: International Business
   1.3   Credit hours: 73

2. **Rationale for the program deletion:**

The major currently has 26 admitted students and 39 students seeking admission. As such, this is a very small major compared to the faculty resources it demands for its continuance. With the deletion of the major and a move to the concentration format as part of the Management major, there are substantial cost savings and efficiencies to the department.

3. **Effect on current students or other departments, if known:**

The chair has consulted with the GFCB Coordinator for undergraduate student services, Dr. Pat Jordan in deleting the program to ensure there would not be negative impacts on current students. While the major will be deleted, we also propose global business as a program revision (concentration) to the Management major. The most important required courses are still offered under the concentration format, and will allow a seamless teach-out, with any substitution of electives allowed to ensure on-time graduation.
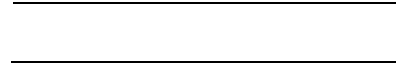
Currently any program offering a required course for the major is still listed as a required course for the concentration. The language components and specific concentrations under the major offered very small enrollments; however, all departments involved in their delivery have been contacted regarding the change.

4. **Proposed term for implementation:** Fall 2021

5. **Dates of prior committee approvals:**

Department/ Unit Management	**09/30/2020**
GFCB College Curriculum Committee	**10/21/2020**
Professional Education Council (if applicable)	
Undergraduate Curriculum Committee	**11/17/2020**

University Senate

Proposal to Revise a program:
Gordon Ford College of Business
Department/Unit: Management

Section 1: Proponent Contact Information

1.1 Name/Title: Whitney Peake, Chair
1.2 Email address: Whitney.Peake@wku.edu
1.3 Phone # 270-551-2251

Section 2: Program Information

2.1 Current Program reference number: 52.0201.4925

2.2 Current Program title: Management

2.3 Current total number of credits required in the program: 73

Section 3: Proposed program revisions and rationales

3.1 First proposed revision: Add an Entrepreneurship Concentration to the BS in Management. Entrepreneurship is currently a standalone major and there are not currently sufficient instructional resources to offer it as a standalone major. This will allow students to get a largely equivalent experience in terms of management and entrepreneurship courses, as well as the specialized finance and marketing courses. Primary changes also include the incorporation of a basic human resources and organizational behavior classes as part of the major core, which are also important to entrepreneurship students. This change creates flexibility for students in lowering switching costs from one concentration to another within Management, and creates costs savings and instructional efficiencies across the department.

3.2 Second proposed revision: Add a Global Business Concentration to the BS in Management. International Business has been a small, standalone major, and there are not currently sufficient instructional resources to offer it as a standalone major. This will allow students to get a largely equivalent experience in terms of management, cultural and international courses. Primary changes also include the incorporation of a basic human resources and organizational behavior classes as part of the major core, which are also important to students interested in global business. This change creates flexibility for students in lowering switching costs from one concentration to another within Management, and creates costs savings and instructional efficiencies across the department.

3.3 Third proposed revision: Remove MATH 119 as an alternative to MGT 305 (Critical Thinking in Management). MATH 119 is no longer offered.

Section 4: Consultations
Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? <mark>YES</mark>   NO

If YES, identify those revisions here, referring to them by the numbers assigned in section 3 above, and for each, indicate who in the affected department/unit was consulted, and the date of that consultation:

Business Data Analytics (3.2) Dr. Ray Blankenship, 10/6/2020
Economics Department (3.2) Dr. Alex Lebedinsky 10/8/2020
Finance Department (3.1, 3.2) Dr. Indu Chhachhi, 9/29/2020 & 10/6/2020
Marketing Department (3.1) Dr. Lukas Forbes 10/6/2020
Communications (3.2) Dr. Helen Sterk 10/6/2020
Architecture and Manufacturing Sciences (3.2) Dr. Stacy Wilson 10/6/2020
Geography (3.2) Dr. Fred Siewers 10/6/2020
Leadership (3.2) Dr. Marguerita DeSander 10/6/2020
Modern Languages Department (3.2) Dr. Alex Poole 10/6/2020
Political Science (3.2) Dr. Scott Lasley 10/6/2020
Sociology (3.2) Dr. Holli Drummond 10/6/2020

Section 5: Proposed term for implementation: Fall 2021

Section 6: Approval Flow Dates:

   Proposing department/unit: 9/30/2020
   GFCB College Curriculum Committee:
   Undergraduate Curriculum Committee:
   University Senate:

Section 7: Required Appendices: Current & proposed program descriptions:

7.1: <u>Current</u> BS in Management – Business Administration Concentration

Required courses	Credits	Notes

GFCB Required Core Courses:

CIS 141: Basic Computer Literacy	3	
MATH 123: Mathematical Applications for Business	3	
COMM 145: Fundamentals of Public Speaking	3	
ACCT 200: Introductory Accounting	3	
ACCT 201: Managerial Accounting	3	
CIS 243: Principles of MIS	3	
ECON 202: Principles of Economics – Micro	3	
ECON 203: Principles of Economics – Macro	3	
ECON 206: Statistics	3	
MGT 200: Legal Environment of Business	3	
MGT 210: Organization and Management	3	
MKT 220: Basic Marketing Concepts	3	
MGT 314: Operations Management	3	
FIN 330: Principles of Finance	3	
MGT 498: Strategy & Policy OR ENT 496: Small Business Analysis and Strategy	3	

Management – Required Courses

MGT 305: Ethics & Critical Thinking <mark>or MATH 119</mark>	3	
MGT 311: Human Resource Management	3	
MGT 313: Decision Modeling	3	
MGT 361: Business Communication Fundamentals	3	
MGT 417: Organizational Behavior	3	
MGT 499: Senior Assessment in Management	1	

Management – BA Concentration Required Courses

ECON 414: Management Economics	3	
BI or Professional Elective[*]	3	
Professional Elective[*]	3	
MGT Elective[**]	3	
MKT Elective[***]	3	
FIN Elective[****]	3	

[*]The professional elective may be chosen from any 300 or 400 level course within the Gordon Ford College of Business not already required for the major.
[**]The management elective may be chosen from any 300 or 400 level course within the Management Department not already required for the major.
[***]The marketing elective may be chosen from any 300 or 400 level course beyond MKT 220.
[****]The finance elective may be chosen from any 300 or 400 level course beyond FIN 330.

7.2: **Proposed BS in Management – Business Administration Concentration**

Required courses	Credits	Notes

GFCB Required Core Courses:

CIS 141: Basic Computer Literacy	3	
MATH 123: Mathematical Applications for Business	3	
COMM 145: Fundamentals of Public Speaking	3	
ACCT 200: Introductory Accounting	3	
ACCT 201: Managerial Accounting	3	
CIS 243: Principles of MIS	3	
ECON 202: Principles of Economics – Micro	3	
ECON 203: Principles of Economics – Macro	3	
ECON 206: Statistics	3	
MGT 200: Legal Environment of Business	3	
MGT 210: Organization and Management	3	
MKT 220: Basic Marketing Concepts	3	
MGT 314: Operations Management	3	
FIN 330: Principles of Finance	3	
MGT 498: Strategy & Policy OR ENT 496: Small Business Analysis and Strategy	3	

Management – Required Courses

MGT 305: Ethics & Critical Thinking	3	
MGT 311: Human Resource Management	3	
MGT 313: Decision Modeling	3	
MGT 361: Business Communication Fundamentals	3	
MGT 417: Organizational Behavior	3	
MGT 499: Senior Assessment in Management	1	

Management – Business Administration Concentration Required Courses

ECON 414 Management Economics	3	
BI or Professional Elective*	3	
Professional Elective*	3	
MGT Elective**	3	
MKT Elective***	3	
FIN Elective****	3	

*The professional elective may be chosen from any 300 or 400 level course within the Gordon Ford College of Business not already required for the major.
**The management elective may be chosen from any 300 or 400 level course within the Management Department not already required for the major.
***The marketing elective may be chosen from any 300 or 400 level course beyond MKT 220.
****The finance elective may be chosen from any 300 or 400 level course beyond FIN 330.

Proposed BS in Management – Entrepreneurship Concentration

Required courses	Credits	Notes

GFCB Required Core Courses:

CIS 141: Basic Computer Literacy	3	
MATH 123: Mathematical Applications for Business	3	
COMM 145: Fundamentals of Public Speaking	3	
ACCT 200: Introductory Accounting	3	
ACCT 201: Managerial Accounting	3	
CIS 243: Principles of MIS	3	
ECON 202: Principles of Economics – Micro	3	
ECON 203: Principles of Economics – Macro	3	
ECON 206: Statistics	3	
MGT 200: Legal Environment of Business	3	
MGT 210: Organization and Management	3	
MKT 220: Basic Marketing Concepts	3	
MGT 314: Operations Management	3	
FIN 330: Principles of Finance	3	
MGT 498: Strategy & Policy OR ENT 496: Small Business Analysis and Strategy	3	

Management – Entrepreneurship Concentration Required Courses

MGT 305: Ethics & Critical Thinking	3	
MGT 311: Human Resource Management	3	
MGT 313: Decision Modeling	3	
MGT 361: Business Communication Fundamentals	3	
MGT 417: Organizational Behavior	3	
MGT 499: Senior Assessment in Management	1	
ENT 312: Entrepreneurship	3	
ENT 380: New Venture Business Planning	3	
ENT 463: Small Business Management	3	
MKT 427: Entrepreneurial Marketing	3	
FIN 441: Entrepreneurial Finance	3	
PROFESSIONAL ELECTIVE*	3	

*The professional elective may be chosen from any 300 or 400 level course within the Gordon Ford College of Business not already required for the major.

Proposed BS in Management – Global Business Concentration

Required courses	Credits	Notes

GFCB Required Core Courses:

CIS 141: Basic Computer Literacy	3
MATH 123: Mathematical Applications for Business	3
COMM 145: Fundamentals of Public Speaking	3
ACCT 200: Introductory Accounting	3
ACCT 201: Managerial Accounting	3
CIS 243: Principles of MIS	3
ECON 202: Principles of Economics – Micro	3
ECON 203: Principles of Economics – Macro	3
ECON 206: Statistics	3
MGT 200: Legal Environment of Business	3
MGT 210: Organization and Management	3
MKT 220: Basic Marketing Concepts	3
MGT 314: Operations Management	3
FIN 330: Principles of Finance	3
MGT 498: Strategy & Policy OR ENT 496: Small Business Analysis and Strategy	3

Management – Global Business Concentration Required Courses

MGT 305: Ethics & Critical Thinking	3
MGT 311: Human Resource Management	3
MGT 313: Decision Modeling	3
MGT 361: Business Communication Fundamentals	3
MGT 417: Organizational Behavior	3
MGT 499: Senior Assessment in Management	1
Cultural Component*******	3
MGT 303: International Business	3
MGT 316: International Management	3
Choose 9 hours from: MKT 432; MKT 324; MGT 405 MGT 490; FIN 436; MGT 495; ENT 312; MGT 413 ECON 380; ECON 430; ECON 385	9

*******Choose one of the following courses

CHIN333	SOCL 376
CHINF430	SPAN 372
COMM 365	SPAN 373
COMM 471	ARBC 201
CSJ 380	CHIN 201
FREN 323	CHINF 201
GEOG 462	FREN 201
GEOG 465	GERM 201
GERM 333	JAPN 201
SOCL 363	RUSS 201
	SPAN 201

BACHELOR of SCIENCE in MANAGEMENT (#723)
BUSINESS ADMINISTRATION
Department of Management
Gordon Ford College of Business
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s).
Every student will finish with a unique plan of his/her own depending on the electives selected.

SAMPLE - Four Year Plan

Fall Semester		Spring Semester	
BA 170, Business Student Basics	1	ACCT 200, Introductory Accounting – Financial	3
CIS 141, Basic Computer Literacy	3	Arts & Humanities (E-AH)	3
ECON 202, Principles of Economics – Micro (E-SB)	3	COMM 145, Fund Speaking (F-OC)	3
ENG 100, Introduction to College Writing (F-W1)	3	ECON 203, Principles of Economics – Macro (E-SB)	3
MATH 123, Mathematical Apps for Business (F-QR)	3	HIST 101 or 102, World History I or II (F-SB)	3
General University Elective	2		
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		Spring Semester	
ACCT 201, Introductory Accounting – Managerial	3	Connections[1] (K-SC or K-LG or K-SY)	3
CIS 243, Principles of MIS	3	ECON 206, Statistics	3
Literary Studies *(F-AH)*	3	MGT 200, Legal Environment of Business	3
MGT 210, Organization and Management	3	MKT 220, Basic Marketing Concepts	3
Natural & Physical Sciences (E-NS)	3	Natural & Physical Sciences with lab (E-SL)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

For more details and courses offered in the Colonnade General Education program visit the
https://www.wku.edu/colonnade/.

Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd
level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU
requirement.

Admission to Major – To gain admission to the Business Administration major students must have 60 earned hours with a minimum 2.5 overall GPA. They must also complete the eight admission courses (ACCT 200, ACCT 201; CIS 141; COMM 145; ECON 202, ECON 203, ECON 206; MATH 123 (or higher) with a separately calculated 2.5 GPA in ACCT 200, CIS 141, COMM 145, ECON 202, ECON 206, and MGT 210 (must be C or higher).

Fall Semester		Spring Semester	
Business Data Analytics Upper-Division Elective	3	Connections[3] (K-SC or K-LG or K-SY)	3
Connections[2] (K-SC or K-LG or K-SY)	3	Marketing Upper-Division Elective	3
FIN 330, Principles of Financial Management	3	MGT 311, Human Resource Management	3
MGT 305, Ethics and Critical Thinking	3	MGT 417, Organizational Behavior	3
MGT 314, Operations Management	3	Writing in the Disciplines (F-W2)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		Spring Semester	
ECON 414, Managerial Economics	3	General University Elective	2
Finance Upper-Division Elective	3	General University Elective	3
General University Elective	3	Management Upper-Division Elective	3
MGT 313, Decision Modeling	3	MGT 498, Strategy & Policy **OR** ENT 496, Small Business Analysis & Strategy	3
MGT 361, Business Communication Fundamentals	3	MGT 499, Senior Assessment	1
		Professional Upper-Division Elective (approved)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**
		Total Credit Hours: 120	

Department: Management, Grise Hall 200
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BACHELOR of SCIENCE in MANAGEMENT (#723)
Entrepreneurship
Department of Management
Gordon Ford College of Business
Western Kentucky University

The suggested program of study shown below should be used in consultation with your advisor(s).
Every student will finish with a unique plan of his/her own depending on the electives selected.

SAMPLE - Four Year Plan

Fall Semester		Spring Semester	
BA 170, Business Student Basics	1	ACCT 200, Introductory Accounting – Financial	3
CIS 141, Basic Computer Literacy	3	Arts & Humanities (E-AH)	3
ECON 202, Principles of Economics – Micro (E-SB)	3	COMM 145, Fund Speaking (F-OC)	3
ENG 100, Introduction to College Writing (F-W1)	3	ECON 203, Principles of Economics – Macro (E-SB)	3
MATH 123, Mathematical Apps for Business (F-QR)	3	HIST 101 or 102, World History I or II (F-SB)	3
General University Elective	2		
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		Spring Semester	
ACCT 201, Introductory Accounting – Managerial	3	Connections[1] (K-SC or K-LG or K-SY)	3
CIS 243, Principles of MIS	3	ECON 206, Statistics	3
Literary Studies (F-AH)	3	MGT 200, Legal Environment of Business	3
MGT 210, Organization and Management	3	MKT 220, Basic Marketing Concepts	3
Natural & Physical Sciences (E-NS)	3	Natural & Physical Sciences with lab (E-SL)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

For more details and courses offered in the Colonnade General Education program visit the
https://www.wku.edu/colonnade/.

Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd
level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU
requirement.

Admission to the Major – To gain admission to the Human Resources/Personnel Management major students must have 60 earned hours with a minimum 2.5 overall GPA. They must also complete the eight admission courses (ACCT 200, ACCT 201; CIS 141; COMM 145; ECON 202, ECON 203, ECON 206; MATH 123 (or higher) with a separately calculated 2.5 GPA in ACCT 200, CIS 141, COMM 145, ECON 202, ECON 206, and MGT 210 (must be C or higher).

Fall Semester		Spring Semester	
Connections[2] (K-SC or K-LG)	3	MKT 427, Entrepreneurial Marketing	3
FIN 330, Principles of Financial Management	3	MGT 313, Decision Modeling	3
MGT 305, Ethics and Critical Thinking	3	Professional Upper-Division Elective	3
ENT 312, Entrepreneurship (K-SY)[3]	3	MGT 361, Business Communication Fundamentals	3
MGT 314, Operations Management	3	Writing in the Disciplines (F-W2)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		Spring Semester	
General University Elective	3	General University Elective	2
MGT 311, Human Resource Management	3	General University Elective	3
ENT 380, New Venture Planning	3	Professional Upper-Division Elective	3
FIN 441, Entrepreneurial Finance	3	ENT 463, Small Business Management	3
MGT 417, Organizational Behavior	3	MGT 498, Strategy & Policy **OR** ENT 496, Small Business Analysis & Strategy	3
		MGT 499, Senior Assessment	1
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**
		Total Credit Hours: 120	

Department: Management, Grise Hall 200
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BACHELOR of SCIENCE in MANAGEMENT (#723)				
Global Business				
Department of Management				
Gordon Ford College of Business				
Western Kentucky University				

The suggested program of study shown below should be used in consultation with your advisor(s).
Every student will finish with a unique plan of his/her own depending on the electives selected.

SAMPLE - Four Year Plan

Fall Semester		Spring Semester	
BA 170, Business Student Basics	1	ACCT 200, Introductory Accounting – Financial	3
CIS 141, Basic Computer Literacy	3	Arts & Humanities (E-AH)	3
ECON 202, Principles of Economics – Micro (E-SB)	3	COMM 145, Fund Speaking (F-OC)	3
ENG 100, Introduction to College Writing (F-W1)	3	ECON 203, Principles of Economics – Macro (E-SB)	3
MATH 123, Mathematical Apps for Business (F-QR)	3	HIST 101 or 102, World History I or II (F-SB)	3
General University Elective	2		
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		Spring Semester	
ACCT 201, Introductory Accounting – Managerial	3	Connections[1] (K-SC or K-LG or K-SY)	3
CIS 243, Principles of MIS	3	ECON 206, Statistics	3
Literary Studies *(F-AH)*	3	MGT 200, Legal Environment of Business	3
MGT 210, Organization and Management	3	MKT 220, Basic Marketing Concepts	3
Natural & Physical Sciences (E-NS)	3	Natural & Physical Sciences with lab (E-SL)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

For more details and courses offered in the Colonnade General Education program visit the
https://www.wku.edu/colonnade/.

Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd
level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU
requirement.

Admission to the Major – To gain admission to the Human Resources/Personnel Management major students must have 60 earned hours with a minimum 2.5 overall GPA. They must also complete the eight admission courses (ACCT 200, ACCT 201; CIS 141; COMM 145; ECON 202, ECON 203, ECON 206; MATH 123 (or higher) with a separately calculated 2.5 GPA in ACCT 200, CIS 141, COMM 145, ECON 202, ECON 206, and MGT 210 (must be C or higher).

Fall Semester		Spring Semester	
Connections[2] (K-SC or K-LG)	3	Cultural Component[*]	3
FIN 330, Principles of Financial Management	3	MGT 313, Decision Modeling	3
MGT 305, Ethics and Critical Thinking	3	Connections (K-SY)[3]	3
MGT 316, International Management	3	MGT 361, Business Communication Fundamentals	3
MGT 314, Operations Management	3	Writing in the Disciplines (F-W2)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		Spring Semester	
General University Elective	3	General University Elective	2
MGT 311, Human Resource Management	3	General University Elective	3
MGT 303, International Business	3	Professional Upper-Division Elective (Choose from: ECON 380, ECON 385, ECON 430, ENT 312, FIN 436, MGT 405, MGT 413, MGT 490, MGT 495, MKT 324, MKT 423)	3
Professional Upper-Division Elective (Choose from: ECON 380, ECON 385, ECON 430, ENT 312, FIN 436, MGT 405, MGT 413, MGT 490, MGT 495, MKT 324, MKT 423)	3	Professional Upper-Division Elective (Choose from: ECON 380, ECON 385, ECON 430, ENT 312, FIN 436, MGT 405, MGT 413, MGT 490, MGT 495, MKT 324, MKT 423)	3
MGT 417, Organizational Behavior	3	MGT 498, Strategy & Policy **OR** ENT 496, Small Business Analysis & Strategy	3
		MGT 499, Senior Assessment	1
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**
		Total Credit Hours: 120	

Department: Management, Grise Hall 200
Phone: (270) 745-5408
Website: https://www.wku.edu/management/
Email: mgt@wku.edu

Course Descriptions: http://www.wku.edu/undergraduatecatalog/

Proposal to Revise a program:
Gordon Ford College of Business
Department/Unit: Management

Section 1: Proponent Contact Information

1.1 Name/Title: Whitney Peake, Chair
1.2 Email address: Whitney.Peake@wku.edu
1.3 Phone # 270-745- 3531

Section 2: Program Information

2.1   Current Program reference number: 52.0201.4325

2.2   Current Program title: Management – Human Resource Concentration

2.3   Current total number of credits required in the program: 73

Section 3: Proposed program revisions and rationales

3.1 First proposed revision: Add MGT 405 (Business Negotiation) to the list of approved electives for the HR concentration. HR students have been taking this course as an elective for several years and report that the topics covered provide students with skills and knowledge they will use on the job as HR professionals. In addition, this will reduce the number of overrides processed by the department chair and advisors.

3.2 Second proposed revision: Add MGT 413 (International Human Resource Management) to the list of approved electives for the HR concentration. HR students have been taking this course as an elective for several years and report that the topics covered provide students with skills and knowledge they will use on the job as HR professionals. In addition, this will reduce the number of overrides processed by the department chair and advisors.

3.3 Third proposed revision: Remove MGT 313 (Decision Modeling) and replace with MGT 383 (HRIS). This is another course that has been offered for 5 years and has been well received by students. MGT 383 is a course that focuses on the technology and analytics that HR students will need after they enter the HR profession. This change will also greatly reduce the number of overrides processed by the department chair and advisors.

3.4 Fourth proposed revision: Remove ECON 305 (Labor Economics) and replace with MGT 400 (Employment Law). This change is requested to better align our HR program with the curriculum guidelines established by the Society of Human Resource Management. The new guidelines emphasize the need for a firm foundation in employment law which will be provided by requiring MGT 400 as part of the program.

Section 4: Consultations
Do any of the proposed revisions in section 3 above involve or in any other way impact other departments/units? YES   NO

If NO, simply proceed to item 5.

If YES, identify those revisions here, referring to them by the numbers assigned in section 3 above, and for each, indicate who in the affected department/unit was consulted, and the date of that consultation:

Economics Department (3.4) Alex Lebedinsky 10/8/2020

Section 5: Proposed term for implementation: Fall 2021

Section 6: Approval Flow Dates:

> **Proposing department/unit: 9/30/2020**
> **GFCB College Curriculum Committee:**
> **Undergraduate Curriculum Committee:**
> **University Senate:**

Section 7: Required Appendices: Current & proposed program descriptions:

7.1: <u>Current</u> BS in Management – Human Resource Concentration

Required courses	Credits	Notes

GFCB Required Core Courses:
CIS 141: Basic Computer Literacy	3	
MATH 123: Mathematical Applications for Business	3	
COMM 145: Fundamentals of Public Speaking	3	
ACCT 200: Introductory Accounting	3	
ACCT 201: Managerial Accounting	3	
CIS 243: Principles of MIS	3	
ECON 202: Principles of Economics – Micro	3	
ECON 203: Principles of Economics – Macro	3	
ECON 206: Statistics	3	
MGT 200: Legal Environment of Business	3	
MGT 210: Organization and Management	3	
MKT 220: Basic Marketing Concepts	3	
MGT 314: Operations Management	3	
FIN 330: Principles of Finance	3	
MGT 498: Strategy & Policy OR ENT 496: Small Business Analysis and Strategy	3	

Management – HR Concentration Required Courses
~~ECON 305: Labor Economics~~	~~3~~	
MGT 305: Ethics & Critical Thinking or MATH 119	3	
MGT 311: Human Resource Management	3	
~~MGT 313: Decision Modeling~~	~~3~~	
MGT 361: Business Communication Fundamentals	3	
MGT 411: Effective Staffing Practices	3	
MGT 414: Compensation	3	
MGT 417: Organizational Behavior	3	
MGT 473: Training in Business and Industry	3	
MGT 495: Strategic Human Resource Management	3	
MGT 499: Senior Assessment in Management	3	

HRM Electives (Choose one from)   **3**

      ~~MGT 400: Employment Law~~
      MGT 416: Labor Relations
      MGT 419: Management of Org Conflict
      MGT 490: Practicum in Management

7.2: Proposed BS in Management – Human Resource Concentration

Required courses	Credits	Notes

GFCB Required Core Courses:

Course	Credits
CIS 141: Basic Computer Literacy	3
MATH 123: Mathematical Applications for Business	3
COMM 145: Fundamentals of Public Speaking	3
ACCT 200: Introductory Accounting	3
ACCT 201: Managerial Accounting	3
CIS 243: Principles of MIS	3
ECON 202: Principles of Economics – Micro	3
ECON 203: Principles of Economics – Macro	3
ECON 206: Statistics	3
MGT 200: Legal Environment of Business	3
MGT 210: Organization and Management	3
MKT 220: Basic Marketing Concepts	3
MGT 314: Operations Management	3
FIN 330: Principles of Finance	3
MGT 498: Strategy & Policy OR ENT 496: Small Business Analysis and Strategy	3

Management – HR Concentration Required Courses

Course	Credits
MGT 305: Ethics & Critical Thinking or MATH 119	3
MGT 311: Human Resource Management	3
MGT 361: Business Communication Fundamentals	3
MGT 383: HRIS	**3**
MGT 400: Employment Law	**3**
MGT 411: Effective Staffing Practices	3
MGT 414: Compensation	3
MGT 417: Organizational Behavior	3
MGT 473: Training in Business and Industry	3
MGT 495: Strategic Human Resource Management	3
MGT 499: Senior Assessment in Management	3

HRM Electives (Choose one from)   **3**
MGT 405: Business Negotiations
MGT 413: International Human Resource Management
MGT 416: Labor Relations
MGT 419: Management of Org Conflict
MGT 490: Practicum in Management

BACHELOR of SCIENCE in MANAGEMENT (#723)			
HUMAN RESOURCES/PERSONNEL MANAGEMENT			
Department of Management			
Gordon Ford College of Business			
Western Kentucky University			
The suggested program of study shown below should be used in consultation with your advisor(s). Every student will finish with a unique plan of his/her own depending on the electives selected.			

SAMPLE - Four Year Plan

Fall Semester		**Spring Semester**	
BA 170, Business Student Basics	1	ACCT 200, Introductory Accounting – Financial	3
CIS 141, Basic Computer Literacy	3	Arts & Humanities (E-AH)	3
ECON 202, Principles of Economics – Micro (E-SB)	3	COMM 145, Fund Speaking (F-OC)	3
ENG 100, Introduction to College Writing (F-W1)	3	ECON 203, Principles of Economics – Macro (E-SB)	3
MATH 123, Mathematical Apps for Business (F-QR)	3	HIST 101 or 102, World History I or II (F-SB)	3
General University Elective	2		
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		**Spring Semester**	
ACCT 201, Introductory Accounting – Managerial	3	Connections[1] (K-SC or K-LG or K-SY)	3
CIS 243, Principles of MIS	3	ECON 206, Statistics	3
Literary Studies *(F-AH)*	3	MGT 200, Legal Environment of Business	3
MGT 210, Organization and Management	3	MKT 220, Basic Marketing Concepts	3
Natural & Physical Sciences (E-NS)	3	Natural & Physical Sciences with lab (E-SL)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

For more details and courses offered in the Colonnade General Education program visit the https://www.wku.edu/colonnade/.
Language Proficiency of novice-high before completing 60 credit hours is required (or completion of 2nd level of a language). Two credits (or equivalent) of a single world language in High School satisfies this WKU requirement.

Admission to the Major – To gain admission to the Human Resources/Personnel Management major students must have 60 earned hours with a minimum 2.5 overall GPA. They must also complete the eight admission courses (ACCT 200, ACCT 201; CIS 141; COMM 145; ECON 202, ECON 203, ECON 206; MATH 123 (or higher) with a separately calculated 2.5 GPA in ACCT 200, CIS 141, COMM 145, ECON 202, ECON 206, and MGT 210 (must be C or higher).

Fall Semester		Spring Semester	
Connections[2] (K-SC or K-LG or K-SY)	3	Connections[3] (K-SC or K-LG or K-SY)	3
FIN 330, Principles of Financial Management	3	MGT 417, Organizational Behavior	3
MGT 305, Ethics and Critical Thinking	3	MGT 383, Human Resource Information Systems	3
MGT 311, Human Resource Management	3	MGT 361, Business Communication Fundamentals	3
MGT 314, Operations Management	3	Writing in the Disciplines (F-W2)	3
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**

Fall Semester		Spring Semester	
General University Elective	3	General University Elective	2
Human Resources Management Upper-Division Elective (choose from MGT 383, MGT 413, MGT 416, MGT 419, MGT 490)	3	General University Elective	3
MGT 400, Employment Law	3	MGT 414, Compensation Administration	3
MGT 411, Effective Staffing Practices	3	MGT 495, Strategic Human Resources Management	3
MGT 473, Training in Business & Industry	3	MGT 498, Strategy & Policy **OR** ENT 496, Small Business Analysis & Strategy	3
		MGT 499, Senior Assessment	1
TOTAL CREDIT HOURS	**15**	**TOTAL CREDIT HOURS**	**15**
		Total Credit Hours: 120	

Department: Management, Grise Hall 200
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