Items Approved:	17-08, DGT 4749, Capstone Project in Digital Media (New Course; Technology-Delivery Designation)
	17-09, DGT 4763, Costing and Planning for Media Projects (New Course; Technology-Delivery Designation)
	17-10, DGT 4773, Graphics for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation)
	17-11, DGT 4783, Mobile Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation)
	17-12, DGT 4793, Programming for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation)
	17-13, DGT 4823, Web Content Management Systems (New Course; Technology-Delivery Designation; Technology-Delivery Designation)
	17-14, DGT 4833, Web Search Engine Optimization (New Course; Technology-Delivery Designation)
	17-15, DGT 4913, Emerging Technologies for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation)
	17-16, DGT 4923, Emerging Web Technologies (New Course; Technology-Delivery Designation)
	17-17, DGT 4933, Motion Capture for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation)
	17-18, Digital Media (New Program)
	17-46, Biochemistry Option (New Option)
	17-47, Remove the Biochemistry Concentration from the Chemistry Major (Revised Major)
	17-48, CSM 3070, Competitive Programming (New Course)
	17-49, CSM 3950, Introduction to Database Concepts (New Course)
	17-50, CSM 3980, Parallel Programming (New Course)
	17-51, CSM 4270, Design of Programming Languages (New Course)
	17-52, CSM 4980, Networking and Distributed Computing (New Course)
	17-53, CSM 4985, Artificial Intelligence and Machine Learning (New Course)
	17-54, Rename **Computer Science and Mathematics** to **Computer Science** and Revise the Major and Core
	17-55, Photojournalism Minor (New Minor)
Items Pending:	17-34, IGP #46: Grades (Revised Policy)
	17-39, OPD 4500, Organizational Interaction (New Course; Online Designation)
	17-40, Program Name Change of Organizational and Professional Development TO Organizational Development (Revised Program Name)
	17-41, Organizational Development Core (Revised Core)
	17-42, Organizational Development Major (Revised Major)
	17-43, Organizational Leadership Minor (New Minor)
	17-44, Talent Development Minor (New Minor)
	17-56, Graphic Design Minor (New Minor)
	17-57, Studio Art Minor (Revised Minor)
Ongoing:	Multi-year plan regarding the University Learning Goals (For details concerning the plan, see agenda Item 13-83, CAA Learning Goals Committee's Recommendations & Resolution, which was approved by CAA at its 4/25/13 meeting)

Council on Academic Affairs
Minutes
February 23, 2017

The February 23, 2017 meeting of the Council on Academic Affairs was held at 2:04 p.m. in the Room 4440 at Booth Library.

Members Present: Mr. Aydt, Dr. Aylesworth, Dr. Kronenfeld, Dr. Ruholl, Dr. Throneburg, Dr. Wilkinson, Mr. Young, and Dr. Yordanov.

Members Absent: Dr. Bruehler, Dr. Paulson and Dr. Rhoads.

Staff Present: Provost Lord and Ms. Fopay.

Guests Present: Ms. Cassie Buchman, *Daily Eastern News*; Dr. Austin Cheney, School of Technology; Dr. Julie Dietz, Health Studies; Dr. Gabe Grant, School of Technology; Dr. Andrew Mertz, Computer Science & Mathematics; Dr. Chris Kahler, Art; Ms. Chrissy Miller, *Daily Eastern News*; Dr. Gopal Periyannan, Chemistry & Biochemistry; Dr. Robert Petersen, Art; Dr. Brian Poulter, Journalism; Dr. Dan Sheeran, Chemistry & Biochemistry; Dr. Anita Shelton, College of Arts & Humanities; and Dr. Larry White, School of Business.

I. Approval of the February 16, 2017 CAA Meeting Minutes.
Dr. Kronenfeld moved and Dr. Wilkinson seconded the motion to approve the minutes. The minutes of February 16, 2017, were approved as written.

II. Communications:
a. College Curriculum Committee Minutes:
1. Minutes of the February 13, 2017 College of Education & Professional Studies Curriculum Committee meeting.

b. Executive Actions:
1. February 15, 2017 memorandum from Dean Jackman, CEPS, requesting executive action to add the online course delivery mode to HST 3300, HST 3700, HST 3750, HST 3765, and HST 4770.
2. February 15, 2017 memorandum from Interim Associate Dean Mitchell, CAH, requesting executive action to revisions to several Communication Studies courses.
3. February 15, 2017 memorandum from Interim Associate Dean Mitchell, CAH, requesting executive action to replace CMN 2020 with CMN 3000 in the list of Advertising Minor electives.
4. February 15, 2017 memorandum from Interim Associate Dean Mitchell, CAH, requesting executive action to replace CMN 2020 with CMN 3000 in the list of Broadcast Meteorology Minor electives.
5. February 15, 2017 memorandum from Interim Associate Dean Mitchell, CAH, requesting executive action to replace CMN 2020 with CMN 3000 in the list of Professional Writing Minor electives.

c. Other:
1. February 26, 2017 memorandum from Dr. Stacey Ruholl, CAA Chair, reporting updates to the CAA bylaws resulting from the approval of agenda item #17-06* at the January 26, 2017 CAA meeting.

   *Agenda item #17-06: Revised the Technology-Delivered Policy to allow executive action requests for designating online courses

BYLAWS OF THE COUNCIL ON ACADEMIC AFFAIRS
(Updates to both the current bylaws and the one beginning FA17)

ARTICLE VII

Jurisdiction and Procedures
A. Jurisdiction and Duties of the Council on Academic Affairs.
    4. Procedures of the Council on Academic Affairs
        e. Executive Decisions
           (1). The Executive Officer may make decisions upon request from either a Dean or a Department Chairperson concerning the following:
              (a). Minor changes in course titles and course descriptions, where course content remains generally the same.
              (b.) Minor changes to programs:
- Additions or deletions of electives in majors, minors, and concentrations
- Changes in the title of existing concentration titles

              (c). Changes in course numbers. However, changes in course numbers that result in a change in a course's level, e.g., from 1000 to 2000, are not permitted by executive action.
              (d). Changes in course prerequisites.
              (e). Catalog changes which merely clarify the Council's intent.
              (f). Deletion of courses.
              (g). Changes in class, lab, and/or credit hours.
              (h.) All undergraduate courses that seek to change the mode of delivery to include online delivery, where course content and learning objectives remain the same.

III. Items Added to the Agenda
1. 17-56, Graphic Design Minor (New Minor)
2. 17-57, Studio Art Minor (Revised Minor)

Mr. Young moved and Dr. Aylesworth seconded the motion to add these items to the agenda.

IV. Items Acted Upon:

1. 17-55, Photojournalism Minor (New Minor).
Dr. Poulter presented the proposal and answered questions of the council.

Dr. Yordanov moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

The proposal **(See Attachment A)** was approved, effective Fall 2017*.*

2. Dr. Grant provided a general overview of all of the DGT proposals.

17-08, DGT 4749, Capstone Project in Digital Media (New Course; Technology-Delivery Designation).
Dr. Grant presented the proposal and answered questions of the council. The council requested revisions to the proposal.

Mr. Young moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2018*.*

> **DGT 4749. Capstone Project in Digital Media. (1-4-3) On Demand. Capstone Project.** Comprehensive applications of the knowledge and skills learned in the digital media program. Focus on the integration and synthesis of content through critical thinking and professional practice in digital media. Course restricted to seniors in the Digital Media major.

3. 17-09, DGT 4763, Costing and Planning for Media Projects (New Course; Technology-Delivery Designation).
Dr. Grant presented the proposal and answered questions of the council. The council requested revisions to the proposal.

Mr. Aydt moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2018, *pending CGS approval.*

> **DGT 4763. Costing and Planning for Media Projects. (3-0-3) Planning for Media Projects.** A study of planning and costing for media projects. This course will focus on the study of estimating, costing, and planning for the capture and production of products specific to web, digital printing, video, gaming, animation, simulation, and photography. Course restricted to Digital Media majors and students in the MS in Technology. Prerequisites: A grade of "C" or better in MAT 2120G and AET 1363.

4. 17-10, DGT 4773, Graphics for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation).
Dr. Grant presented the proposal and answered questions of the council.

Dr. Kronenfeld moved and Mr. Young seconded the motion to approve the proposal. The motion passed unanimously.

The proposal was approved, effective Fall 2018, *pending CGS approval.*

> **DGT 4773. Graphics for Gaming, Animation, and Simulation. (1-4-3) On Demand. Graphics for Gaming.** A study of the graphics file types used in gaming, animation, and simulation modeling. Emphasis will be on creation, manipulation, and conversion of graphics files for gaming, animation, and simulation for desktop and mobile devices. Prerequisite: A grade of "C" or better in CIT 3303

5. Dr. Aylesworth shared concerns that Dr. Robert Petersen, Art Department, had expressed to him about the proposals. Dr. Anita Shelton, Dean of the College of Arts & Humanities, responded by saying that both the Art Department and the College of Arts & Humanities supported the proposals. Mr. Kahler, Chair of the Art Department, also indicated that the Art Department was supportive.

   17-11, DGT 4783, Mobile Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation).
   Dr. Grant presented the proposal and answered questions of the council.

   Mr. Aydt moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

   The proposal was approved, effective Fall 2018, *pending CGS approval.*

   > **DGT 4783. Mobile Gaming, Animation, and Simulation. (1-4-3) On Demand. Mobile Gaming.** A study of techniques and tools used in mobile gaming, animation, and simulation modeling. Emphasis will be on creation, manipulation, and publishing of mobile applications for gaming, animation, and simulation specific to mobile devices. Prerequisite: A grade of "C" or better in CIT 3303 or permission of instructor.

6. **17-12, DGT 4793, Programming for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation).**
   Dr. Grant presented the proposal and answered questions of the council.

   Dr. Yordanov moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

   The proposal was approved, effective Fall 2018, *pending CGS approval.*

   > **DGT 4793. Programming for Gaming, Animation, and Simulation. (1-4-3) On Demand. Programming for Gaming.** A study of the programming languages used in gaming, animation, and simulation modeling. Emphasis will be on application of programming languages for gaming, animation, and simulation for desktop and mobile devices. Prerequisite: A grade of "C" or better in CIT 3303.

7. **17-13, DGT 4823, Web Content Management Systems (New Course; Technology-Delivery Designation; Technology-Delivery Designation).**
   Dr. Grant presented the proposal and answered questions of the council. The council requested revisions to the proposal.

   Dr. Yordanov moved and Mr. Young seconded the motion to approve the proposal. The motion passed unanimously.

   The proposal, with revisions, was approved, effective Fall 2018, *pending CGS approval.*

   > **DGT 4823. Web Content Management Systems. (2-2-3) On Demand. Web Content Management.** A study of current web content management systems. Emphasis will be on creation and implementation of website tools for updating websites for educational, organizational, and/or personal purposes. Prerequisite: A grade of "C" or better in CIT 4813 or permission of instructor.

8. **17-14, DGT 4833, Web Search Engine Optimization (New Course; Technology-Delivery Designation).**
   Dr. Grant presented the proposal and answered questions of the council. The council requested revisions to the proposal.

   Dr. Aylesworth moved and Mr. Young seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2018, *pending CGS approval.*

> **DGT 4833. Web Search Engine Optimization. (2-2-3) On Demand. Web SEO.** A study of web search engine optimization tools and techniques. Prerequisite: A grade of "C" or better in CIT 4813 or permission of instructor.

9. **17-15, DGT 4913, Emerging Technologies for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation).**
    Dr. Grant presented the proposal and answered questions of the council. The council requested revisions to the proposal.

    Dr. Yordanov moved and Mr. Aydt seconded the motion to approve the proposal. The motion passed unanimously.

    The proposal, with revisions, was approved, effective Fall 2018, *pending CGS approval.*

    > **DGT 4913. Emerging Technologies for Gaming, Animation, and Simulation. (1-4-3) On Demand. Emerging Tech for Gaming.** A study of emerging techniques and technologies used in gaming, animation, and simulation projects. Prerequisite: A grade of "C" or better in CIT 3303

10. **17-16, DGT 4923, Emerging Web Technologies (New Course; Technology-Delivery Designation).**
    Dr. Grant presented the proposal and answered questions of the council. The council requested revisions to the proposal.

    Dr. Yordanov moved and Dr. Aylesworth seconded the motion to approve the proposal. The motion passed unanimously.

    The proposal, with revisions, was approved, effective Fall 2018, *pending CGS approval.*

    > **DGT 4923. Emerging Web Technologies. (2-2-3) On Demand.** A study of emerging web development tools and techniques. Emphasis will be on integration of emerging web technologies into an educational, organizational, and/or personal website. Prerequisite: A grade of "C" or better in CIT 4813 or permission of instructor.

11. **17-17, DGT 4933, Motion Capture for Gaming, Animation, and Simulation (New Course; Technology-Delivery Designation).**
    Dr. Grant presented the proposal. There were no questions.

    Dr. Wilkinson moved and Dr. Yordanov seconded the motion to approve the proposal. The motion passed unanimously.

    The proposal was approved, effective Fall 2018, *pending CGS approval.*

    > **DGT 4933. Motion Capture for Gaming, Animation, and Simulation. (1-4-3) On Demand. Motion Capture for Gaming.** A study of techniques used to capture motion and integrate it into gaming, animation, and simulation projects. Prerequisite: A grade of "C" or better in CIT 3303.

12. **17-18, Digital Media (New Program).**
    Dr. Grant presented the proposal and answered questions of the council. The council requested revisions to the proposal.

    Mr. Young moved and Dr. Yordanov seconded the motion to approve the proposal. The motion passed unanimously.

    The proposal **(See Attachment B)**, with revisions, was approved, effective Fall 2018*.*

13. **17-46, Biochemistry Option (New Option).**
Dr. Sheeran and Dr. Periyannan presented the proposal and answered questions of the council.

Dr. Yordanov moved and Mr. Young seconded the motion to approve the proposal. The motion passed unanimously.

The proposal **(See Attachment C)** was approved, effective Fall 2017*.*

14. **17-47, Remove the Biochemistry Concentration from the Chemistry Major (Revised Major).**
Dr. Sheeran and Dr. Periyannan presented the proposal and answered questions of the council.

Dr. Kronenfeld moved and Mr. Aydt seconded the motion to approve the proposal. The motion passed unanimously.

After the vote the council requested revisions to the proposal. Those updates were accepted by acclamation.

The proposal **(See Attachment D)**, with revisions, was approved, effective Fall 2017*.*

15. **17-48, CSM 3070, Competitive Programming Team (New Course).**
Dr. Mertz presented the proposal and answered questions of the council. The council requested that the course title be revised.

Dr. Aylesworth moved and Mr. Young seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revision, was approved, effective Fall 2017*.*

> **CSM 3070. Competitive Programming. (Arr.-2-1) F, S.** A course for students participating in programming contests in which EIU participates, usually once per semester, and for which the student wishes credit. Mock competitions, both local and online, will be used for training. Discussion of strategies and solutions is expected. Course may be repeated for up to two (2) hours of credit. A limit of 2 hours may be applied to a major or minor. Prerequisite: A grade of "C" or better in CSM 2670.

16. **17-49, CSM 3950, Introduction to Database Concepts (New Course).**
Dr. Mertz presented the proposal and answered questions of the council. Dr. Larry White, a guest, noted course overlap between this course and others. He requested that the section of the proposal regarding similarity to other courses (Part 1, #3) be revised regarding the overlap.

Dr. Wilkinson moved and Dr. Yordanov seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revision, was approved, effective Spring 2018*.*

> **CSM 3950. Introduction to Database Concepts. (3-0-3) S. Database Systems.** This course emphasizes the concepts and structures necessary for the design and implementation of database management systems. Topics include data models, data normalization, data description languages, query facilities, file organization, index organization, file security, data integrity, and reliability. Prerequisites: A grade of "C" or better in CSM 3870 and MAT 2345.

17. **17-50, CSM 3980, Parallel Programming (New Course).**
Dr. Mertz presented the proposal and answered questions of the council.

Dr. Kronenfeld moved and Dr. Wilkinson seconded the motion to approve the proposal. The motion passed unanimously.

The proposal was approved, effective Fall 2017*.*

> **CSM 3980. Parallel Programming. (3-0-3) F.** An introduction to massively parallel machine architectures, parallel algorithms, languages for parallel programming, synchronization, and parallel performance analysis. Prerequisites: A grade of "C" or better in CSM3870 and CSM 3570.

18. **17-51, CSM 4270, ~~Principles~~ Design of Programming Languages (New Course).**
Dr. Mertz presented the proposal and answered questions of the council. The council requested a minor revision to the proposal, as well as a course title change.

Dr. Yordanov moved and Dr. Aydt seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revisions, was approved, effective Fall 2018*.*

> **CSM 4270. Design of Programming Languages. (3-0-3) F. Programming Languages.** Basic concepts of programming languages, including abstraction mechanisms, types, and scoping. Detailed study of several different programming paradigms, such as functional, object-oriented, and logic programming. Prerequisite: CSM 2670 and CSM 3670.

19. **17-52, CSM 4980, Networking and Distributed Computing (New Course).**
Dr. Mertz presented the proposal and answered questions of the council. The council requested a revision to the proposal.

Dr. Yordanov moved and Mr. Aydt seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revision, was approved, effective Spring 2018, *pending CGS approval.*

> **CSM 4980. Networking and Distributed Computing. (3-0-3) S. Networking.** An overview of the concepts and algorithms in networking and distributed computing. Topics include protocol stacks, link, network, transport, and application layers, network management, network architecture, network abstractions, distributed algorithms, distributed environments, the client-server model, the peer-to-peer model, and remote procedure calls. There will be case studies and analysis of existing systems. Prerequisite: A grade of "C" or better in CSM 3980.

20. **17-53, CSM 4985, Artificial Intelligence and Machine Learning (New Course).**
Dr. Mertz presented the proposal and answered questions of the council. The council requested revisions to the proposal.

Dr. Yordanov moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

The proposal, with revision, was approved, effective Fall 2017*.*

> **CSM 4985. Artificial Intelligence and Machine Learning. (3-0-3) F. AI.** Survey of methods and applications of artificial intelligence (AI) and machine learning. Topics could include: knowledge representation, neural networks, genetic algorithms, unsupervised learning, and ethical issues related to the use of AI. Prerequisites: A grade of "C" or better in MAT 2345 or MAT 2800, and "C" or better in CSM 2670, and "C" or better in MAT 3701, *pending CGS approval.*

21. 17-54, Rename Computer Science and Mathematics to Computer Science and Revise the Major and Core.
Dr. Mertz presented the proposal and answered questions of the council.

Mr. Young moved and Dr. Kronenfeld seconded the motion to approve the proposal. The motion passed unanimously.

The proposal **(See Attachment E)** was approved, effective Fall 2017*.* In addition, the degree name will change:

    From: Computer Science and Mathematics
    To: Computer Science

V. Discussion of the draft document to President Glassman concerning recommendations for programs considered for elimination or reorganization.
No concerns were expressed. An agenda item number will be placed on the document and be placed on next week's meeting agenda under "Items to be Added to the Agenda."

VI. Committee Reports:
None.

VII. Pending:
1. 17-34, IGP #46: Grades (Revised Policy)
2. 17-39, OPD 4500, Organizational Interaction (New Course; Online Designation)
3. 17-40, Program Name Change of Organizational and Professional Development TO Organizational Development (Revised Program Name)
4. 17-41, Organizational Development Core (Revised Core)
5. 17-42, Organizational Development Major (Revised Major)
6. 17-43, Organizational Leadership Minor (New Minor)
7. 17-44, Talent Development Minor (New Minor)

VIII. Ongoing:
1. Multi-year plan regarding the University Learning Goals (For details concerning the plan, see agenda Item 13-83, CAA Learning Goals Committee's Recommendations & Resolution, which was approved by CAA at its 4/25/13 Meeting)

IX. Meeting Adjournment:
1. 17-34, IGP #46: Grades (Revised Policy)
2. 17-39, OPD 4500, Organizational Interaction (New Course; Online Designation)
3. 17-40, Program Name Change of Organizational and Professional Development TO Organizational Development (Revised Program Name)
4. 17-41, Organizational Development Core (Revised Core)
5. 17-42, Organizational Development Major (Revised Major)
6. 17-43, Organizational Leadership Minor (New Minor)
7. 17-44, Talent Development Minor (New Minor)
8. 17-34, IGP #46: Grades (Revised Policy)
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10. 17-40, Program Name Change of Organizational and Professional Development TO Organizational Development (Revised Program Name)
11. 17-41, Organizational Development Core (Revised Core)
12. 17-42, Organizational Development Major (Revised Major)
13. 17-43, Organizational Leadership Minor (New Minor)
14. 17-44, Talent Development Minor (New Minor)

X. Meeting Adjournment:

1. Dr. Kronenfeld and Mr. Aydt seconded the motion to adjourn the meeting. The motion was approved by acclamation.

   The meeting adjourned 4:25 p.m.

The next meeting will be held at 2:00 p.m. on Thursday, March 2, 2017.

–Minutes prepared by Ms. Janet Fopay, Recording Secretary

The current agenda and all CAA council minutes are available on the Web at http://www.eiu.edu/~eiucaa/.
In addition, an electronic course library is available at http://www.eiu.edu/~eiucaa/elibrary/.

********** **ANNOUNCEMENT OF NEXT MEETING** **********
March 2, 2016
Room 4440, Booth Library @ 2:00 p.m.

Agenda:

1. 17-34, IGP #46: Grades (Revised Policy)
2. 17-39, OPD 4500, Organizational Interaction (New Course; Online Designation)
3. 17-40, Program Name Change of Organizational and Professional Development TO Organizational Development (Revised Program Name)
4. 17-41, Organizational Development Core (Revised Core)
5. 17-42, Organizational Development Major (Revised Major)
6. 17-43, Organizational Leadership Minor (New Minor)
7. 17-44, Talent Development Minor (New Minor)
8. 17-56, Graphic Design Minor (New Minor)
9. 17-57, Studio Art Minor (Revised Minor)

Approved Executive Actions:
BAS
Effective Fall 2017

1. Revise the prerequisites for MGT 3900.

   MGT 3900 - Employment Law. (3-0-3) S. A study of the social and legal framework governing regulation of human resources management, including ethical principles, case law, statutes, and administrative rules. Topics include common law employment principles, federal and state regulation including equal employment opportunity laws, sexual harassment law, workers' compensation, wage and hour statutes, and labor relations. Prerequisites and Notes: Sophomore standing, BUS 2750 and BUS 3010, or permission of the Associate Chair, School of Business. Credits: 3

2. Amend the prerequisites for MGT 4370.

   MGT 4370 - Compensation Management. (3-0-3) F. A comprehensive analysis of the compensation management processes and practices in organizations. Prerequisites and Notes: Junior standing, BUS 2810 and MGT 3450, or permission of the Associate Chair, School of Business. Credits: 3

3. Change the prerequisites for MGT 4500.

   MGT 4500 - Employee Staffing and Development. (3-0-3) S. A study of human resource management with an emphasis on staffing and development functions. Topics include workforce planning, recruitment, selection, training and development in human resource management. Prerequisites & Notes: Junior standing, **and** MGT 3450 and MGT 3900, or permission of the Associate Chair, School of Business. Credits: 3

4. Delete MGT 3470, 3480, 4330, and 4550 from the catalog.

~~**MGT 3470 - Commercial Law. (3-0-3) On Demand.** A survey of law of sales, commercial paper, secured transactions, debtor-creditor law, and bankruptcy. Prerequisites and Notes: Junior standing, BUS 2750, and a declared School of Business major, or permission of the Associate Chair, School of Business. Credits: 3~~

~~**MGT 3480 - Law of Business Organizations. (3-0-3) On Demand.** A survey of the law of agency, partnerships, corporations, insurance, real estate and estates. Prerequisites and Notes: Junior standing, BUS 2750, and a declared School of Business major, or permission of the Associate Chair, School of Business. Credits: 3~~

~~**MGT 4330 - Entrepreneurial Law. (3-0-3) On Demand.** A study of the laws, legal issues, and ethical issues affecting entrepreneurs and small businesses from business startup through daily operations to termination. Prerequisites and Notes: Junior standing, BUS 2750, or permission of the Associate Chair, School of Business. Credits: 3~~

~~**MGT 4550 - Current Issues in Human Resources Management. (3-0-3) On Demand.** A study of the current issues in Human Resource Management (HRM). Topics include current trends, issues and their applications in HRM. Prerequisites and Notes: MGT 3450 or permission of the Associate Chair, School of Business. Credits: 3~~

5. Add MAR 4100 to the list of electives for the Marketing Minor.

Marketing Minor
The marketing minor offers a broad course of study in the field of marketing applicable to all interested majors. Marketing activities are found in all organizations and the discipline provides students with the ability to apply the knowledge and skills gained from their major with the realities of consumer and business markets. Marketing minor students gain skills that prepare them for both consumer and business interactions.

Core Requirements (12 hours)
- BUS 3100 - Survey of Marketing Principles. Credits: 3
  or
- BUS 3470 - Principles of Marketing. Credits: 3
- MAR 3720 - Consumer Behavior. Credits: 3
- MAR 3875 - Retail Management. Credits: 3
- MAR 4470 - Professional Sales. Credits: 3

Select two (2) additional courses from the following courses, one of which must have a MAR prefix:

MAR Electives
- MAR 3490 - Business-to-Business Marketing. Credits: 3
- MAR 3560 - Social Media Marketing. Credits: 3
- MAR 3780 - Promotion Management. Credits: 3
- **MAR 4100 – Special Topics in Marketing. Credits: 3**
- MAR 4400 - Services Marketing. Credits: 3

- MAR 4480 - Sales Management. Credits: 3
- MAR 4490 - International Marketing. Credits: 3

Non-MAR Electives
- MIS 3530 - Business Web Site Design. Credits: 3
- ENT 3500 - Marketing and Innovation for Entrepreneurial Ventures. Credits: 3
- CMN 3100 - Persuasion. Credits: 3
- CMN 3270 - Communication and Popular Culture. Credits: 3
- CMN 3560 - International Communication. Credits: 3
- CMN 3710 - Intercultural Communication. Credits: 3
- PSY 3870 - Social Psychology. Credits: 3
- JOU 3501 - Principles of Advertising. Credits: 3
- JOU 3705 - Public Relations Writing Credits: 3
- JOU 3820 - Publicity Methods. Credits: 3
- JOU 3920 - Public Relations in Society. Credits: 3

CAH
Effective Fall 2017
1. Change the course title for ART 1110.

   ART 1110 - ~~Two-Dimensional Foundations~~ Design Fundamentals 2D. (0-6-3) F, S. A foundation studio course exploring the basic elements of visual organization through two-dimensional design principles and theories using a variety of materials and processes. Prerequisites and Notes: Art majors, minors, Special Education majors with art area or permission of instructor. Credits: 3

2. Revise the course titles for ART 1111.

   ART 1111 - ~~Three-Dimensional Foundations~~ Design Fundamentals 3D. (0-6-3) F, S. A Foundation studio course exploring the basic elements of visual organization through three-dimensional design principles and theories using a variety of materials and processes. Prerequisites and Notes: ART 1110 or permission of instructor. Credits: 3

3. Change the prefix for CMN 4910 to HCM.
   Note: The cross listing was removed from HST/CMN 4910 earlier. See the 2/2/17 CAA minutes: https://castle.eiu.edu/eiucaa/2016-17CAA/SP17/02-09-17/Minutes/02-02-17Minutes.pdf .

   ~~CMN~~ HCM 4910 - Applied Health Communication. (3-0-3) F, S. An application of health communication principles and competencies focusing on the development and implementation of health campaigns used by health communication professionals. ~~Cross-listed with HST 4910.~~ Credits: 3

4. Add the online delivery mode to MUS 3562G and MUS 3592G.

Pending Executive Actions:
CAH
Effective Fall 2017
1. Delete CMN 2020 from the catalog.

   ~~CMN 2020 - Communication Research Methods. (3-0-3) On Demand.~~ ~~This course introduces students to the communication discipline through encountering its publications and resources. We will focus on the major areas of study and inquiry in communication studies, different research methods, and the use of APA style. Students will work on a variety of research and writing activities throughout the semester. WI Credits: 3~~

2. Remove CMN 2030 from the catalog.

~~**CMN 2030 - Applied Communication. (3-0-3) On Demand.** Study of communication principles and skills in applied contexts. Skills emphasized include public performance/presentations; teams, meetings, and project management; leadership and decision-making. Use and implications of new technologies are also addressed. Credits: 3~~

3. Revise the prerequisite for CMN 3500.

CMN 3500 - New Media Practices. (2-2-3) On Demand. This workshop-based course introduces students to cross-platform digital production with an emphasis in branding, framing, narrative, and deploying symbols across various new media. This course melds social media and public relations with audio/visual production skills in order to communicate a unified message across various media in a constantly changing new media environment. Prerequisites & Notes: CMN 2520 ~~and CMN 2920~~ or JOU 3920. Credits: 3

4. Modify the prerequisite for CMN 3750.

CMN 3750 - Computer Mediated Communication I. (3-0-3) On Demand. This course explores the role of message construction and delivery strategies in effective communication in technological environments. Prerequisites & Notes: "C" or better in CMN ~~2030~~ **3030**. Credits: 3

5. Amend the prerequisite for CMN 3752.

CMN 3752 - Computer Mediated Communication II. (3-0-3) On Demand. This course explores the role that communication systems, structures, and applications have in the delivery of effective mediated messages. Prerequisites & Notes: CMN ~~2030~~ **3030** and CMN 3750. Credits: 3

6. Revise the prerequisite language for CMN 40001.

CMN 40001 - Independent Study I. (Arr.-Arr.-3) On Demand. Consideration of special problems in communication and communication education. Student presents individual study plan for researching history, theory, and/or practice of oral communication. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, p~~**P**ermission of the chair and 2.75 grade-point average. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 3

7. Update the prerequisite language for CMN 40002.

CMN 40002 - Independent Study II. (Arr.-Arr.-3) On Demand. Consideration of special problems in communication and communication education. Student presents individual study plan for researching history, theory, and/or practice of oral communication. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, p~~**P**ermission of the chair and 2.75 grade-point average. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 3

8. Revise the prerequisite language for CMN 42751.

CMN 42751 - Internship I. (Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better,~~ 12 hours of CMN courses, permission of internship director, acceptance by firm, and a cumulative 2.75 G.P.A., or 3.0 within the major. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

9. Revise the prerequisite language for CMN 42752.

   CMN 42752 - Internship II. (Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better,~~ 12 hours of CMN courses, permission of internship director, acceptance by firm, and a cumulative 2.75 G.P.A., or 3.0 within the major. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

10. Revise the prerequisite language for CMN 42753.

    CMN 42753 - Internship III. (Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better,~~ 12 hours of CMN courses, permission of internship director, acceptance by firm, and a cumulative 2.75 G.P.A., or 3.0 within the major. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

11. Revise the prerequisite language for CMN 42754.

    CMN 42754 - Internship IV. (Arr.-Arr.-1-12) On Demand. (Credit/No Credit) On-the-job experience in a firm or organization approved by the department. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better,~~ 12 hours of CMN courses, permission of internship director, acceptance by firm, and a cumulative 2.75 G.P.A., or 3.0 within the major. To be taken Credit/No Credit, but not to count against the maximum of 12 semester hours in Credit/No Credit option. May be repeated once for credit, but only six hours of credit in any combination of CMN 40001 or 40002, 4275 and 4375 may be counted for a single option. Credits: 1 to 12

12. Modify the prerequisite language for CMN 43751.

    CMN 43751 - Practicum I. (Arr.-Arr.-1-3) On Demand. (Credit/No Credit) Students apply communication skills in a leadership and supervisory role. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better,~~ 12 hours of CMN courses, permission of instructor, permission of chair, 2.75 cumulative G.P.A. or cumulative 3.0 SPC G.P.A. Minimum of 40 contact hours for each semester hour of credit. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 1 to 3

13. Change the prerequisite language for CMN 43752.

    CMN 43752 - Practicum II. (Arr.-Arr.-1-3) On Demand. (Credit/No Credit) Students apply communication skills in a leadership and supervisory role. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better,~~ 12 hours of CMN courses, permission of instructor, permission of chair, 2.75 cumulative G.P.A. or cumulative 3.0 SPC G.P.A. Minimum of 40 contact hours for each semester hour of credit. May be repeated once for credit, but only six hours of credit in any combination of CMN 4000, 4275 and 4375 may be counted for a single option. Credits: 1 to 3

14. Change the prerequisite for CMN 4420.

    CMN 4420 - Mass Media Advertising-Sales. (3-0-3) On Demand. A study of theory, ethics, and legal implications of mass media advertising to include analysis of marketing problems and the role of advertising in their solution. Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040, **3000, 3030** with a grade of "C" or better, and CMN 2520 or permission of Instructor. Credits: 3

15. Update the prerequisite language for CMN 44441.

CMN 44441 - Honors Independent Study I. (Arr.-Arr.-3-6) On Demand. Consideration of special topics in speech communication. Student presents a prospectus for researching history, theory, and/or practice of oral communications. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better,~~ ~~a~~**A**dmission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

16. Change the prerequisite language for CMN 44442.

CMN 44442 - Honors Independent Study II. (Arr.-Arr.-3-6) On Demand. Consideration of special topics in speech communication. Student presents a prospectus for researching history, theory, and/or practice of oral communications. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, a~~**A**dmission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

17. Revise the prerequisite for CMN 4540.

CMN 4540 - Advanced Video Production. (1-4-3) On Demand. This course deals with the principles of preproduction planning, scripting, lighting, and audio and video mixing for studio and remote television productions as unified by the television director. Prerequisites & Notes: Completion of CMN ~~2010, 2020,~~ 2030, 2040**, 3000, 3030** with a grade of "C" or better, and CMN 2575 or permission of instructor. Credits: 3

18. Modify the prerequisite language for CMN 45551.

CMN 45551 - Honors Research I. (Arr.-Arr.-3-6) On Demand. In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, a~~**A**dmission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

19. Revise the prerequisite language for CMN 45552.

CMN 45552 - Honors Research II. (Arr.-Arr.-3-6) On Demand. In consultation with a faculty member, the student designs, executes, and writes the results of an original piece of research. Any methodology may be utilized. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of C or better, a~~**A**dmission to the Departmental Honors Program and permission of Honors Coordinator. May be repeated once for a maximum of six credit hours. Credits: 3 to 6

20. Change the prerequisite language for CMN 4644.

CMN 4644 - Honors Thesis. (3) On Demand. Intensive research in preparation of a thesis on a topic in speech communication approved by a faculty supervisor and the Department Honors Coordinator. May not be repeated. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, a~~**A**dmission to the Departmental Honors Program and permission of Honors Coordinator. Credits: 3

21. Amend the prerequisite for CMN 4650.

CMN 4650 - Simulation in Organizational Communication. (3-0-3) On Demand. Simulation in Organizational Communication offers students the unique opportunity to participate actively in their learning with a corporate simulation designed especially for communication students. Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040**, 3000, 3030** with a grade of "C" or better, and CMN 2650 and 3650 or permission of instructor. Credits: 3

22. Change the prerequisite for CMN 4651.

CMN 4651 - Communication Training: Theory and Practice. (3-0-3) On Demand. An examination of how communication theories are used in the training environment. Emphasis is placed on the principles related to design, content, and delivery of programs that result in communication knowledge and skill development. Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040**, 3000, 3030** with a grade of "C" or better and CMN 2650, or permission of instructor. Credits: 3

23. Amend the prerequisite language for CMN 4666.

CMN 4666 - Honors Seminar. (Arr.-Arr.-3-6) On Demand. Areas of investigation which require integration of speech communication concepts and research will be treated, e.g., effects of mass communication, criticism of speakers or media, evaluation of communication techniques. Prerequisites & Notes: ~~Completion of CMN 2010, 2020, 2030, 2040 with a grade of "C" or better, a~~**A**dmission to the Departmental Honors Program and permission of Honors Coordinator. Credits: 3 to 6

24. Update the prerequisite for CMN 4750.

CMN 4750 - Contemporary Approaches to Mass Communication. (3-0-3) On Demand. Survey of legal procedures of broadcast law, a survey of audience analysis, the structure of mass communications audiences, propaganda, communication networks, social and self-regulation of the media, and current research. Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040**, 3000, 3030** with a grade of "C" or better, and CMN 2520 or graduate standing or permission of instructor. Credits: 3

25. Modify the prerequisite for CMN 4765.

CMN 4765 - Communication in Families. (3-0-3) On Demand. An examination of communicative structure, function, and process among family members. The family system as a whole and major sub-systems (parent-child, siblings, spouses) are explored. Emphasis is on the role of communication in the construction, maintenance, and change of family relationships throughout the family lifecycle. Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040**, 3000, 3030** with a grade of "C" or better. Credits: 3

26. Change the prerequisite for CMN 4770.

CMN 4770 - Television Criticism. (3-0-3) On Demand. Students use rhetorical, economic, and aesthetic approaches to analyze and evaluate television. Lecture, discussions, selected viewings, intensive writing and examinations. WI Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040**, 3000, 3030** with a grade of "C" or better. Credits: 3

27. Amend the prerequisite for CMN 4780.

CMN 4780 - Communication and Culture. (3-0-3) On Demand. This course provides an overview of key theories, concepts, and approaches to the study of communication and culture as practiced in communication. It covers the history of the academic study of communication and culture, the application of critical methods, cultural studies and communication, and the study of social relations, power and communication. WI Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040**, 3000, 3030** with a grade of "C" or better, and CMN 3270 or CMN 3560 or graduate standing. Credits: 3

28. Update the prerequisite for CMN 4820.

CMN 4820 - Political Communication. (3-0-3) On Demand. This course examines the interactive role between public communication and politics. Students will study how communication is involved in the various aspects of campaigning for and fulfilling the duties of public office. Prerequisites & Notes: Completion of CMN 2010, ~~2020, 2030,~~ 2040**, 3000, 3030** with a grade of "C" or better. Credits: 3

29. Change the prerequisite for CMN 4850A.

     CMN 4850A - Topics in Computer Mediated Communication I. (3-0-3) On Demand. A detailed examination of specific theories and practices related to communication technology. Specific topics will vary according to student demand, availability, and interest of faculty. Prerequisites & Notes: Completion of CMN 2010, 2020, 2030, 2040**, 3000, 3030** with a grade of C or better, and CMN 2030 **3030**, 3750 and 3752 or permission of instructor. May be repeated once with a change in course content. Credits: 3

30. Revise the prerequisite for CMN 4850B.

     CMN 4850B - Topics in Computer Mediated Communication II. (3-0-3) On Demand. A detailed examination of specific theories and practices related to communication technology. Specific topics will vary according to student demand, availability, and interest of faculty.   Prerequisites & Notes: Completion of CMN 2010, 2020, 2030, 2040**, 3000, 3030** with a grade of C or better, and CMN 2030 **3030**, 3750 and 3752 or permission of instructor. May be repeated once with a change in course content. Credits: 3

31. Update the list of electives for the Advertising Minor.

Advertising Minor

Electives - Total Semester Hours: 12

(Students with a major in AET, CMN, or MAR may not take more than 6 elective hours from their major area):
- AET 2123 - Introduction to Digital Photography. Credits: 3
- AET 4123 - Advanced Digital Photography. Credits: 3
- AET 4333 - Trends in Digital Media Technology. Credits: 3
- AET 4353 - Multimedia Production Management. Credits: 3
- AET 4813 - Advanced Cross Media Technologies. Credits: 3
- AET 4865 - e-Books and e-Publishing Technologies. Credits: 3
- BUS 2750 - Legal and Social Environment of Business. Credits: 3
  (See footnote *)
- CMN 2020 **3000** - Communication Research Methods. Credits: 3
- or MAR 3860
- CMN 2550 - Broadcast Announcing. Credits: 3
- CMN 3520 - Radio Production. Credits: 3
- CMN 3540 - Videography. Credits: 3
- CMN 3650 - Case Studies in Organizational Communication. Credits: 3
- CMN 3750 - Computer Mediated Communication I. Credits: 3
- CMN 3752 - Computer Mediated Communication II. Credits: 3
- CMN 3920 - Public Relations in Society Credits: 3
  or JOU 3920
- CMN 4420 - Mass Media Advertising-Sales. Credits: 3
- CMN 4500A - Topics in Electronic Media Production I. Credits: 3
  or CMN 4500B or CMN 4500D or CMN 4500E
- JOU 3501 - Principles of Advertising. Credits: 3
- JOU 3820 - Publicity Methods. Credits: 3
- JOU 3920 - Public Relations in Society. Credits: 3
  or CMN 3920
- MAR 3720 - Consumer Behavior. Credits: 3
  (See footnote *)
- MAR 3780 - Promotion Management. Credits: 3
  (See footnote *)

- MAR 3860 - Marketing Research. Credits: 3
- or CMN 2020
  (See footnote *)
- MIS 3530 - Business Web Site Design. Credits: 3
  (See footnote *)

32. Revise the list of coursework for the Broadcast Meteorology Minor.

Broadcast Meteorology Minor

19 Semester Hours of Required Coursework
- CMN 2525 - Studio Production. Credits: 3
- CMN 2550 - Broadcast Announcing. Credits: 3
  or
- CMN 2030 **3030** - Applied Communication. Credits: 3
- CMN 2575 - Field Production. Credits: 3
- GEO 1400G - Weather and Climate. Credits: 4
- GEO 3400 - Broadcast Meteorology Practicum. Credits: 3
- GEO 3410 - Climatology. Credits: 3

33. Modify the list of electives for the Professional Writing Minor.

Professional Writing Minor

Current Elective Hours Chosen From (Total Semester Hours: 6-7)
- AET 1363 - Introduction to Graphics Technology. Credits: 3
- AET 4813 - Advanced Cross Media Technologies. Credits: 3
- BUS 3010 - Management and Organizational Behavior. Credits: 3
- BUS 3470 - Principles of Marketing. Credits: 3
- CMN 2030 **3030** - Applied Communication. Credits: 3
- CMN 2650 - Introduction to Organizational Communication. Credits: 3
- CMN 2920 - Introduction to Public Relations. Credits: 3
- CMN 3950 - Conferences and Event Planning. Credits: 3
- ENG 3008 - Digital Writing and Multimodal Texts. Credits: 3
- ENG 3061 - Intermediate Nonfiction Writing. Credits: 3
- ENG 3901 - Language and Linguistics. Credits: 3
- ENG 4275 - Internship in Professional Writing. Credits: 4
- ENG 4760 - Special Topics in Professional Writing. Credits: 3
  (See footnote 3)
- ENG 4761 - Advanced Nonfiction Writing Credits: 3
- ENG 4776 - Research and Rhetoric in Professional Writing. Credits: 3
- ENG 4901 - History of the English Language. Credits: 3
- ENT 3300 - Foundations of Entrepreneurship. Credits: 3
- JOU 2101 - Writing for News Media. Credits: 3
- JOU 2901 - Introduction to Copy Editing. Credits: 3
- JOU 3000 - Advanced Reporting. Credits: 3
- JOU 3102 - Feature Writing. Credits: 3

CEPS
Effective Summer 2017
1. Add the online course delivery mode to HST 3300, HST 3700, HST 3750, HST 3765, and HST 4770.

Attachment A

Photojournalism Minor

Total Semester Hours: 18

Required courses:
- JOU 2001G: Journalism and Democracy. 3 credits
- JOU 2950: Introduction to Visual Communication. 3 credits
- JOU 3001: Photojournalism. 3 credits
- JOU 3002: Introduction to Multimedia Journalism. 3 credits
- JOU 4751: Advanced Photojournalism. 3 credits
- JOU 4750: Independent Study. 3 credits

Attachment B

Digital Media (B.S.)
The Bachelors of Science in Digital Media emphasizes the study of processes and management of web development, cross media, gaming, animation, simulation, image capture, and multimedia production. The program is designed to prepare technical or technical management-oriented professionals for employment in creative, advertising, educational, and other commercial environments.

Total Semester Hours Required for Degree: 120 semester hours

Total General Education Coursework Hours – 41 Hours

Program Coursework

Core Coursework (30 Hours):
- AET 1323 - Computers for Applied Engineering and Technology. Credits: 3
- BUS 2810 - Business Statistics I. Credits: 3
- BUS 3100 - Survey of Marketing Principles. Credits: 3
- ENG 3005 - Technical Communication. Credits: 3
- CMN 2520 - Introduction to Mass Communication. Credits: 3
- OPD 4835 - Supervision in Organizations. Credits: 3
- OPD 4845 - Improvement in Organizations. Credits: 3
- DGT 4763 - Planning for Media Projects. Credits: 3
- AET 4333 - Trends in Digital Media. Credits: 3
- DGT 4749 - Digital Media Capstone. Credits: 3

Focus Coursework (minimum of 42 Hours):
Students must select a minimum 14 courses (42 hours) from the following courses to meet their individual career objectives. General education and/or courses used to core requirements cannot be used to fulfill this requirement. Courses from outside the major or transfer courses that support the students focus may be considered upon departmental approval, to meet the hours required.

Web Development Courses
Required:
- CIT 4813 - Front End and Mobile Website Development. Credits: 3
- DGT 4923 - Emerging Web Technologies. Credits: 3
- DGT 4833 - Web Search Engine Optimization. Credits: 3

- DGT 4823 - Web Content Management Systems. Credits: 3
- ART 3912 - Interactive/Motion Graphics I
- ART 4912 - Interactive/Motion Graphics III
- JOU 3703 - Online Journalism

Photo, Video and Music Technology Courses
Required:
- AET 2123 - Digital Photography. Credits: 3
- AET 4123 - Advanced Digital Photography. Credits: 3
- CIT 4753 - Emerging Video Technologies. Credits: 3
- ART 3922 - Interactive/Motion Graphics II
- ART 4922 - Interactive/Motion Graphics IV
- MUS 1070 - Introduction to Music Technology
- MUS 2070 - Electronic Music Studio Techniques
- MUS 2071 - Music Technology II: Audio and Recording Techniques
- JOU 3001 – Photojournalism

Digital Media Courses
Required:
- AET 1363 - Introduction to Graphics Technology. Credits: 3
- AET 3343 - Cross Media Technologies. Credits: 3
- AET 4353 - Multimedia Production Management. Credits: 3
- AET 4813 - Advanced Cross Media Technologies. Credits: 3
- AET 4865 - e-Books and e-Publishing Technologies. Credits: 3
- AET 4275 - Digital Media Internship. Credits: 3
- CMN 3500 - New Media Practices. Credits: 3
- ART 3922 - Interactive/Motion Graphics II
- ART 4922 - Interactive/Motion Graphics IV
- JOU 3002 - Introduction to Multimedia Journalism
- JOU 4761 - Advanced New Media Design

Gaming, Animation and Simulation Courses
Required:
- CIT 3303 - Introduction to Gaming, Animation and Simulation. Credits: 3
- CIT 3313 - 3D Modeling for Gaming, Animation and Simulation. Credits: 3
- DGT 4773 - Graphics for Gaming, Animation and Simulation. Credits: 3
- DGT 4783 - Mobile Gaming, Animation and Simulation. Credits: 3
- DGT 4793 - Programming for Gaming, Animation and Simulation. Credits: 3
- DGT 4933 - Motion Capture for Gaming, Animation and Simulation. Credits: 3
- DGT 4913 - Emerging Gaming, Animation and Simulation Technologies. Credits: 3

Total Program Coursework Hours – minimum of 72 Hours

Elective Coursework (minimum of 7 Hours)
Students must select a minimum of 7 hours to meet their individual career objectives. General education courses cannot be used to fulfill this requirement. Students are strongly encouraged to select a minor to fulfill this requirement.

Suggested minors are Advertising, Communication Studies, Film Studies, Graphic Design, Journalism, Marketing, Media Technology, and Photojournalism. See the sections of the catalog pertaining to those minors for a list of requirements.

OR

Total Elective Hours – minimum of 7 Hours

Suggested Electives:
- ART 1000 - Drawing I. Credits: 3
- ART 1110 - Two-Dimensional Foundations. Credits: 3
- ART 1111 - Three-Dimensional Foundations. Credits: 3

Attachment C

Biochemistry (B.S.)

Total Semester Hours required for the Degree: 120 semester hours

Major

Semester Hours required for the B.S. in Biochemistry: 78 semester hours

The Bachelor of Science in Biochemistry (see footnote 1) is comprised of the following courses.

Students who have completed college-level, algebra-based physics courses (e.g., PHY 1151G, 1152G, 1161, 1162) should consult the department chair.

A five year accelerated BS/MS program is available for the Biochemistry Option. Detailed information is available at http://www.eiu.edu/eiuchemgrad/accelerated_MS.php.

Courses:

Total Semester Hours: 78
- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- CHM 2310 - Inorganic Chemistry I. Credits: 3
- CHM 2440 - Organic Chemistry I. Credits: 3
- CHM 2445 - Organic Chemistry Laboratory I. Credits: 1
- CHM 2730 - Quantitative Analysis. Credits: 3
- CHM 2840 - Organic Chemistry II. Credits: 3
- CHM 2845 - Organic Chemistry Laboratory II. Credits: 1
- CHM 3000 - Undergraduate Seminar. Credits: 0
- CHM 3001 - Undergraduate Seminar. Credits: 1
- CHM 3450 - Biochemistry I. Credits: 3
- CHM 3455 - Biochemistry Laboratory. Credits: 2
- CHM 3460 - Biochemistry II. Credits: 3
- CHM 3500 - Introduction to Chemical Research. Credits: 1
- CHM 3780 - Instrumental Analysis. Credits: 3
- CHM 3910 - Chemical Thermodynamics and Kinetics. Credits: 3
- CHM 3915 - Physical Chemistry Laboratory. Credits: 2
- CHM 3920 - Quantum Chemistry. Credits: 3 OR CHM 4900 – Inorganic Chemistry II. Credits: 3
- CHM 4000 - Undergraduate Seminar. Credits: 0
- CHM 4001 - Undergraduate Seminar. Credits: 1
- CHM 4860 - Advanced Biochemistry. Credits: 3
- BIO 1500- General Biology I. Credits: 4
- BIO 3200 - Genetics. Credits: 4 OR BIO 3300 - General Microbiology. Credits: 4 (See Footnote 2)
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- PHY 1351G - General Physics I. Credits: 3
- PHY 1352G - General Physics I Laboratory. Credits: 1
- PHY 1361 - General Physics II. Credits: 3
- PHY 1362 - General Physics II Laboratory. Credits: 1

AND

Five Semester Hours of Electives in departments of Chemistry and Biochemistry (see Footnotes 3 and 4) or Biological Sciences (see footnote 5).

Footnotes:

(Major GPA based on all chemistry courses taken at EIU.)

[1] Satisfies certification requirements of the American Chemical Society.

[2] One course is required; the other may be used as an elective.

[3] The following may not be used as electives CHM1040G, 3025G, 3100, 3200, and 3300.

[4] Electives must include two semester hours of 3000 level or higher chemistry laboratory work. Courses that may be used to satisfy this requirement include Undergraduate Research I-IV: CHM 44001-44004, Honors Research I-II: CHM 45551 and 45552, CHM 4770 or CHM 4915.

[5] Only 3000 level or higher level BIO courses selected in consultation with student's major advisor and approved by the chemistry and biochemistry department chair may count for electives.

Attachment D

Chemistry (B.S.)

Total Semester Hours required for the Degree: 120 semester hours

Major

Semester Hours required for the B.S. in Chemistry Major: 68-93 semester hours depending on Concentration

The Bachelor of Science in Chemistry is comprised of the following common core courses and one of the listed Chemistry Concentrations.

Students who have completed college-level, algebra-based physics courses (e.g., PHY 1151G, 1152G, 1161, 1162) should consult the department chair.

A five year accelerated BS/MS program is available for the Chemistry ~~and Biochemistry~~ concentrations. Detailed information is available at http://www.eiu.edu/eiuchemgrad/accelerated_MS.php.

Common Core Courses:

Total Semester Hours: 48

- CHM 1310G - General Chemistry I. Credits: 3
- CHM 1315G - General Chemistry Laboratory I. Credits: 1
- CHM 1410 - General Chemistry II. Credits: 3
- CHM 1415 - General Chemistry Laboratory II. Credits: 1
- CHM 2310 - Inorganic Chemistry I. Credits: 3
- CHM 2440 - Organic Chemistry I. Credits: 3
- CHM 2445 - Organic Chemistry Laboratory I. Credits: 1
- CHM 2730 - Quantitative Analysis. Credits: 3
- CHM 2840 - Organic Chemistry II. Credits: 3
- CHM 2845 - Organic Chemistry Laboratory II. Credits: 1
- CHM 3000 - Undergraduate Seminar. Credits: 0
- CHM 3001 - Undergraduate Seminar. Credits: 1
- CHM 3500 - Introduction to Chemical Research. Credits: 1
- CHM 3780 - Instrumental Analysis. Credits: 3
- CHM 3910 - Chemical Thermodynamics and Kinetics. Credits: 3
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- PHY 1351G - General Physics I. Credits: 3
- PHY 1352G - General Physics I Laboratory. Credits: 1
- PHY 1361 - General Physics II. Credits: 3
- PHY 1362 - General Physics II Laboratory. Credits: 1

Chemistry Concentrations:

1. Chemistry (See Footnote 1)

Total Semester Hours: 20

- Five semester hours of electives in Chemistry(See footnotes 2 and 3)
- CHM 3450 - Biochemistry I. Credits: 3
- CHM 3915 - Physical Chemistry Laboratory. Credits: 2

- CHM 3920 - Quantum Chemistry. Credits: 3
- CHM 4000 - Undergraduate Seminar. Credits: 0
- CHM 4001 - Undergraduate Seminar. Credits: 1
- CHM 4900 - Inorganic Chemistry II. Credits: 3
- CHM 4915 - Advanced Laboratory. Credits: 3

2. Biochemistry (See Footnote 1)

Total Semester Hours: 30

- BIO 1100 - General Biology. Credits: 4
- CHM 3450 - Biochemistry I. Credits: 3
- CHM 3455 - Biochemistry Laboratory. Credits: 2
- CHM 3460 - Biochemistry II. Credits: 3
- CHM 3915 - Physical Chemistry Laboratory. Credits: 2
- CHM 3920 - Quantum Chemistry. Credits: 3
- CHM 4000 - Undergraduate Seminar. Credits: 0
- CHM 4001 - Undergraduate Seminar. Credits: 1
- CHM 4860 - Advanced Biochemistry. Credits: 3

AND (See Footnote 4)

- BIO 3200 - Genetics. Credits: 4
  OR
- BIO 3300 - General Microbiology. Credits: 4

AND Five Semester Hours of Electives in Chemistry (See Footnotes 3 and 5) or From the Following:

- BIO 3200 - Genetics. Credits: 4
- BIO 3210 - Immunology. Credits: 4
- BIO 3300 - General Microbiology. Credits: 4
- BIO 3510 - Plant Physiology. Credits: 4
- BIO 3520 - Animal Physiology. Credits: 4
- BIO 3622 - Embryology. Credits: 4
- BIO 4830 - Comparative Vertebrate Physiology. Credits: 3
- BIO 4834 - Neurobiology. Credits: 3
- BIO 4836 - Pathogenic Microbiology. Credits: 4

2. 3. Management

Total Semester Hours: **42** 45

- Three semester hours of electives in Chemistry (See Footnote 4 6)
- BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
- BUS 2101 - Financial Accounting. Credits: 3
- BUS 2102 - Managerial Accounting. Credits: 3
- BUS 2750 - Legal and Social Environment of Business. Credits: 3
- BUS 2810 - Business Statistics I. Credits: 3
- BUS 3010 - Management and Organizational Behavior. Credits: 3
- BUS 3100 - Survey of Marketing Principles. Credits: 3
  or
- BUS 3470 - Principles of Marketing. Credits: 3
- BUS 3500 - Management Information Systems. Credits: 3
- BUS 3710 - Business Financial Management. Credits: 3
- BUS 3950 - Operations Management. Credits: 3

- CHM 3300 - Survey of Biochemistry. Credits: 3
- **Three semester hours of electives in Chemistry (See Footnote 4)**
- ECN 2801G - Principles of Macroeconomics. Credits: 3
- ECN 2802G - Principles of Microeconomics. Credits: 3
- ~~HIS 3600G - The U.S. Constitution and the Nation. Credits: 3~~

Footnotes:

(Major GPA based on all chemistry courses taken at EIU.)

[1] Satisfies certification requirements of the American Chemical Society.

[2] Electives in the Chemistry Concentration must include two semester hours of ~~4000~~ **3000-**level **or higher** chemistry laboratory work in addition to CHM 4915. Courses that may be used to satisfy this requirement include **CHM 3455,** Undergraduate Research I-IV: CHM 44001-44004, Honors Research I-II: CHM 45551 and 45552, ~~or~~ CHM 4770.

[3] The following may not be used as electives in the Chemistry **Concentration:** ~~or Biochemistry Concentrations:~~ ~~Chemistry~~ **CHM** 1040G, 3025G, 3100, 3200, and 3300.

[4] ~~One course is required in concentration; the other may be used as an elective.~~

[5] ~~Electives in the Biochemistry Concentration must include two semester hours of 4000 level chemistry laboratory work. Courses that may be used to satisfy this requirement include Undergraduate Research I-IV: CHM 44001-44004, Honors Research I-II: CHM 45551 and 45552, CHM 4770, or CHM 4915~~.

[4]~~6~~ The following may not be used as electives in the Management Concentration: ~~Chemistry~~ **CHM** 1040G, 3025G, 3100, 3200, and 4001.

Attachment E

Computer Science ~~and Mathematics~~ (B.S.)

Total Semester Hours required for the Degree: 120 semester hours

Major

Semester Hours required for the Computer Science ~~and Mathematics~~ Major: ~~68-70~~ 76-78 semester hour

The Computer Science ~~and Mathematics~~ major comprises a required upper-division writing intensive course and the following:

Computer Science ~~and Mathematics~~ Core (~~62~~ 66-68 Hours)
- MAT 1441G - Calculus and Analytic Geometry I. Credits: 5
- CSM 2170 - Computer Science I. Credits: 4
- MAT 2345 - Elements of Discrete Mathematics. Credits: 3
- MAT 2442 - Calculus and Analytic Geometry II. Credits: 5
- ~~MAT 2443 - Calculus and Analytic Geometry III. Credits: 4~~
- MAT 2550 - Introduction to Linear Algebra. Credits: 3
- CSM 2670 - Computer Science II. Credits: 4
- CSM 3570 - Numerical Analysis. Credits: 3
- CSM 3670 - Principles of Computer Systems. Credits: 3
- MAT 3701 - Probability and Statistics I. Credits: 3
- ~~MAT 3702 - Probability and Statistics II. Credits: 3~~
- CSM 3770 - Combinatorial Computing. Credits: 3
- CSM 3870 - Data Structures. Credits: 3
- **CSM 3950 - Introduction to Database Concepts. Credits: 3**
- **CSM 3980 - Parallel Programming. Credits: 3**
- **CSM 4270 - Design of Programming Languages. Credits: 3**
- CSM 42751 - Internship in Computer Science I. Credits: 1 to 15 or CSM 42752 **(3 to 5 hours)**
- CSM 4880 - Design and Analysis of Algorithms. Credits: 3
- **CSM 4885 - Theory of Computation. Credits: 3**
- CSM 4970 - Principles of Operating Systems. Credits: 3
- **CSM 4980 - Networking and Distributed Computing. Credits: 3**
- **CSM 4985 - Artificial Intelligence and Machine Learning. Credits: 3**

Electives From: (~~6-8~~ 10 Hours)
- **CSM 3070 – Competitive Programming. Credits: 1 (may be taken up to 3 times for credit.)**
- MAT 3501 - Differential Equations I. Credits: 3
- MAT 3502 - Differential Equations II. Credits: 3
- MAT 3530 - Abstract Algebra. Credits: 4
- **MAT 3702 - Probability and Statistics II. Credits: 3**
- CSM 4170 - Programming for Mobile Devices. Credits: 3
- CSM 4370 - Topics in Computer Science. Credits: 3
- MAT 4750 - Linear Programming. Credits: 3
- **MAT 44441 - Independent Study, Honors I. Credits: 1 to 3**
- **MAT 44442 - Independent Study, Honors II. Credits: 1 to 3**
- **MAT 44901 - Independent Study I. Credits: 1 to 3**

- MAT 44902 - Independent Study II. Credits: 1 to 3
- CSM 4873 - Introduction to Cryptography. Credits: 3
- ~~CSM 4885 - Theory of Computation. Credits: 3~~
- PHY 3150 - Electronics. Credits: 4

Footnotes:
(Major GPA based on those courses listed above taken at EIU.)