AGENDA FOR MEETING OF BOARD OF TRUSTEES
OF
UNIVERSITY OF CENTRAL ARKANSAS
AT
10:00 A.M.
ON
FEBRUARY 19, 2021

Ms. Kay Hinkle – Chair
Dr. Terry Fiddler – Vice Chair
Mr. Curtis Barnett – Secretary
Mr. Bunny Adcock
Ms. Amy Denton
Rev. Cornell Maltbia
Mr. Joe Whisenhunt

I. CALL TO ORDER

II. ROLL CALL

III. MINUTES

IV. REPORTS

A. President’s Report

B. Financial Report

C. Capital Projects Report

V. COMMENTS ON ACTION AGENDA BY THE PRESIDENTS OF THE FACULTY SENATE, STAFF SENATE, AND STUDENT GOVERNMENT ASSOCIATION

- Dr. Jen Talbot, Faculty Senate
- Mr. Steven Shook, Staff Senate
- Mr. Jamaal Lockings, Student Government Association

VI. ACTION AGENDA

A. Resolution of Appreciation – E.C. Maltbia

B. ASUN Conference Membership – Board Policy No. 800 & 804
C. Reimbursement of Expenses for Official Board of Trustees Duties – Board Policy No. 211

D. Deletion of Listed Associate Degrees – Board Policy No. 321

E. Contract Review Procedures – Board Policy No. 416

   1. Aramark Educational Services, LLC
   2. Blackboard, Inc.
   3. EAB Global, Inc.

F. Request for Capital Project Approval – Doyne Health Sciences Center

G. Fees – Room and Board – Board Policy No. 632

H. Distinguished Professor Emeritus Award

VII. NOTIFICATIONS AND DELETIONS

   A. Notification: New Programs in Applied Data Analytics: Technical Certificate, Bachelor of Science, and Master of Science

   B. Notification: Reorganization of Concentrations in the Management Information Systems Major

   C. Notification: New Program, Bachelor of Science in Data Science

   D. Notification: Substantive Program Revisions, PhD in Leadership Studies

   E. Notification: New Minor Program in Financial Services

   F. Notification: New Minor Program in Education for Community Engagement

   G. Notification: Department Name Change, Chemistry to Chemistry and Biochemistry

   H. Notification: Department Name Change, Computer Science to Computer Science and Engineering

   I. Notification: Department Name Change, Management Information Systems to Computer Information Systems and Analytics

   J. Notification: Program Deletion, Bachelor of Science in Athletic Training

   K. Notification: Program Deletions, Criminal Justice Institute Partnership Programs
VIII. NEW BUSINESS

IX. EXECUTIVE SESSION

X. OPEN SESSION

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III. MINUTES

Minutes of the December 4, 2020, board meeting, which can be found on UCA’s website, were distributed to board members for review prior to the February 19, 2021, board meeting.
VI. ACTION AGENDA

A. Resolution of Appreciation – E.C. Maltbia

RESOLUTION OF APPRECIATION

WHEREAS, E.C. Maltbia of Conway, Arkansas, was appointed to the Board of Trustees of the University of Central Arkansas by the Governor of the State of Arkansas, Asa Hutchinson, in January 2017 for a term of seven years; and

WHEREAS, Rev. Maltbia served as chair of the Board of Trustees in 2020 and attended many university events and functions in his capacity as chair; and

WHEREAS, during his term as chair of the Board, the University made significant progress by (a) completing the construction of the Lewis Science Center Annex, (b) completing the renovation of State Hall, (c) completing construction on Greek Village Phase II, (d) beginning and completing the construction of the Bear Village Storm Shelter, (e) beginning and completing the renovation of Carmichael Hall, (f) beginning and completing the addition to Buffalo Alumni Hall, (g) beginning construction on the Windgate Center for Fine and Performing Arts, and (h) receiving positive Economic Impact Study results; and

WHEREAS, Rev. Maltbia served with honor and distinction and led the university during the worldwide novel coronavirus pandemic, and because of his leadership, the university had a very successful year in 2020; and

NOW THEREFORE BE IT RESOLVED, that the Board of Trustees of the University of Central Arkansas does hereby extend its sincere appreciation and gratitude to E.C. Maltbia for his service as chair of the Board of Trustees during 2020; and

BE IT FURTHER RESOLVED, that this resolution be made a part of the minutes of the University of Central Arkansas Board of Trustees meeting.

____________________________
Kay Hinkle
Chair

____________________________
Curtis Barnett
Secretary
VI. ACTION AGENDA

B. ASUN Conference Membership – Board Policy No. 800 & 804

The University of Central Arkansas has received an invitation to join the ASUN athletic conference effective as of July 1, 2021. This invitation was one of several options our program was presented with in the fallout from Covid-19 and college athletics conferences. Five of the current Southland Conference members will be departing the conference by 2022. UCA was aware that a move was necessary and, after deciphering the benefits of all options, the ASUN proved to be the best for UCA. The athletic department believes that this conference change will place UCA with like-minded, comparable, public, football-playing programs, as well as established non-football playing brands. The television markets to the east of the university are very valuable to UCA’s recruiting base for student-athletes and students. The athletic department is excited about this new opportunity and has decided to make the move this summer rather than wait until next summer.

The new member agreement, in part, specifies that the application fee is $5,000 and the annual dues for the conference are $55,000 per year. The annual dues are comparable to Southland Conference dues ($52,000), and the annual revenue distribution will be more than the Southland Conference distribution (approximately $1.2 million this year). Because the new member agreement is substantially the same for multiple schools, the UCA contract rider is not incorporated into the agreement.

Board Policy 800, Role of Athletic Programs, has been revised to remove the reference to the Southland Conference and provide that the Board of Trustees fully supports compliance with ASUN Conference policies. Board Policy 804 has also been revised to eliminate the reference to the Southland conference with regard to ticket prices. The language to be deleted is stricken through, and language to be added is highlighted.

Therefore, the president recommends to the Board of Trustees the following resolution:

“BE IT RESOLVED: That the Board of Trustees approves the revisions to Board Policy 800 and Board Policy 804 set forth above and as attached to this resolution, and the changes set forth shall be effective from and after July 1, 2021.

BE IT RESOLVED: That the Board of Trustees authorizes the president and such other officials of the University of Central Arkansas, as the president may from time-to-time designate, to take all steps and to enter into and execute such contracts and documents as may be necessary or required to become a member of the ASUN Conference.”
The Board of Trustees adopts the following statement of the role of athletic programs for the University of Central Arkansas:

Varsity and intramural athletic programs play a significant role at the University of Central Arkansas. They provide students with valuable extra-curricular activities and other individuals and groups with an important sense of community.

Individuals who participate in collegiate athletics must be, first and foremost, students, subject to the same privileges and requirements as other students. As members of the university community, they should not be segregated by policy or practice from others in the student body, in housing accommodations or otherwise. Athletic events and activities should, to the extent possible, be scheduled to avoid conflict with academic programs and requirements.

Although athletic programs may open professional opportunities for some students, the recreational and social aspects should predominate at the varsity level. The university and its athletic programs should avoid excessive emphasis upon winning and should give all students reasonable opportunities to participate in either varsity or intramural events.

Athletic programs are significant activities for all segments of the university community, and each segment may be appropriately involved in various aspects of their operations. In all instances, however, the university should ensure that rules and regulations are scrupulously followed and that the programs and activities are consistent with the university's academic mission.

The Board of Trustees retains responsibility for the policies under which athletic programs operate, and the president is primarily responsible for administration. However, the faculty, staff and students should also be closely involved in the development of policy and in the periodic review of program operations.

Administrative structures which would allow athletic programs to operate outside the university's normal rules and procedures of governance should not be allowed to develop. The focus of the programs should be upon the university community rather than upon entertainment of large audiences unaffiliated with the university.

The Board of Trustees fully supports compliance with all NCAA, Southland ASUN Conference and university policies.
Ticket prices to university athletic events shall be determined by the athletic director, with final approval by the president. The prices shall be reviewed on an annual basis and may be adjusted to reflect current financial conditions. Factors to consider when adjusting ticket prices may include, but are not limited to, the following: (1) ticket prices to other Southland Conference athletic events; (2) economic state of potential patrons; (3) supply and demand; (4) quality of a particular event; etc.
VI. ACTION AGENDA

C. Reimbursement of Expenses for Official Board of Trustees Duties – Board Policy No. 211

Arkansas Code Annotated 25-16-901 et seq. provides that boards and commissions may, during their first regularly scheduled meeting of each calendar year, authorize expense reimbursement for each board member for performing official board duties. The law states that the expense reimbursement must not exceed the rate established by state travel regulations for state employees. The law covers expense reimbursement for all board functions. This action is consistent with Board Policy No. 211, Reimbursement of Expenses for Official Board of Trustees Duties, and Arkansas Code Annotated 6-67-102.

Therefore, the president recommends to the Board of Trustees the following resolution:

“BE IT RESOLVED: That the Board of Trustees approves the following statement concerning reimbursement of expenses for official board duties for 2021:

The UCA Board of Trustees authorizes reimbursement of expenses for each of its members for performance of official board duties, to include attendance at board meetings, fulfillment of board training requirements, and any other official board duties. The expense reimbursement authorized herein must not exceed the rate established by state travel regulations for state employees, including special travel authorization. The board also authorizes the president to approve the reimbursement of travel expenses of board members that are in conformance with this policy.”

UNIVERSITY OF CENTRAL ARKANSAS
BOARD POLICY

Policy Number: 211
Subject: Reimbursement of Expenses for Official Board of Trustees Duties
Date Adopted: 10/92 Revised: 02/96

The University of Central Arkansas Board of Trustees authorizes reimbursement of expenses for each trustee for performance of official board duties, to include attendance at board meetings, fulfillment of board training requirements, and any other official board duties. The expense reimbursement authorized herein must not exceed the rate established by state travel regulations, including special travel authorization. The board also authorizes the president to approve the reimbursement of travel expenses of board members that are in conformance with this policy.
VI. ACTION AGENDA

D. Deletion of Listed Associate Degrees – Board Policy No. 321

The administration has determined that the Criminal Justice Institute Higher Education Partnership programs should be deleted. No students have enrolled in the programs in the last 10 years. The deletion of these programs is included in the notifications and deletions section of this agenda.

Deletion of these programs requires a change in Board Policy 321, since two of the deleted programs are listed in Board Policy 321 as requiring more than 60 semester credit hours. The two programs to be removed are the AAS in Crime Scene Investigation and the AAS in Law Enforcement Administration.

All appropriate university councils and administrators have recommended approval of the deletions noted above.

Therefore, the President recommends to the Board of Trustees the following resolution:

“BE IT RESOLVED: That the Board of Trustees hereby approves removal of the AAS degree programs in Crime Scene Investigation and Law Enforcement Administration from Board Policy 321.”
The maximum number of credit hours required by the University of Central Arkansas for the baccalaureate degree shall be 120. Any course of study requiring more than 120 credit hours for the completion of the baccalaureate degree must be specifically approved by the Board of Trustees.

The maximum number of credit hours required by the University of Central Arkansas for the associate degree shall be 60. Any course of study requiring more than 60 credit hours for the completion of the associate degree must be specifically approved by the Board of Trustees.

Associate degrees requiring more than 60 semester credit hours:

- None
- AAS, Law Enforcement Administration, 63 hours (CJI higher education partnership)
- AAS, Crime Scene Investigation, 62 hours (CJI higher education partnership)

Baccalaureate degrees requiring more than 120 semester credit hours (the date included with each entry indicates the date of approval for inclusion in this list):

- BME, Music Education, 126–130 (08/14/2020)
- BS, Computer Engineering, 126 hours (05/12/2017)
- BS, Engineering Physics, 126 hours (05/10/2019)
- BS, Radiologic Technology, 121 hours (02/21/2014)
- BSE, Elementary Education K–6, 123 hours (02/21/2014)
- BSE, Middle Level Education, 121–122 hours (02/21/2014)
- BSE, Special Education K–12, 122 hours (05/30/2014)
VI. ACTION AGENDA

E. Contract Review Procedures – Board Policy No. 416

Pursuant to Board Policy No. 416, Contract Review Procedures, the administration must seek board approval for any contract that requires the university to expend funds, at any time, in excess of $250,000 or any contract with a term exceeding one year, unless the Office of General Counsel certifies, in writing, that the contract (a) may be terminated by the university on the giving of written notice of 90 days or less or (b) will not require the university to expend funds in excess of $99,999.

The administration is seeking board approval for the university to enter into contracts with the following:

1. Aramark Educational Services, LLC
2. Blackboard, Inc.
3. EAB Global, Inc.

Therefore, the president recommends to the Board of Trustees the following resolution:

“BE IT RESOLVED: That the Board of Trustees authorizes the administration to enter into contracts with the companies/organizations listed above and on the following page.”
1. **Vendor/Party:** Aramark Educational Services, LLC.

**Amount:** The average rate increase for meal plans is 3.9%.

**Summary of Contract Information:** The purpose of the agreement is to provide food services for the campus. Under the terms of the contract, Aramark and UCA mutually agree upon an appropriate increase to the meal plan rates, utilizing the most recent twelve-month increases in the October Consumer Price Index for All Urban Consumers (CPI-U). The October 2020 CPI-U was 3.9%. Factors that contributed to the rate increase this year include the increase in minimum wage and additional costs associated with the COVID-19 pandemic.

**Term:** The Board of Trustees approved the original contract in April 2012. The contract was effective June 1, 2012, and is renewable for up to ten years. The Board most recently approved a revision in December 2020.

2. **Vendor/Party:** Blackboard, Inc.

**Amount:** Approximately $1,200,000.

**Summary of Contract Information:** Blackboard is an existing vendor. In 2018, the university signed a two-year contract that combined Blackboard Learn, Collaboration, and Managed hosting services into one contract. In October 2019, the university signed a six-year agreement that expanded services to include Blackboard Ultra in their SaaS environment. This amendment adds an additional model called Ally, which assists with making videos, documents, and programs more accessible to individuals with disabilities.

**Term:** March 1, 2021, to June 30, 2026.

3. **Vendor:** EAB Global, Inc.

**Amount:** Approximately $3,600,000.

**Summary of Contract Information:** EAB is an existing vendor. In June 2018, the university signed a five-year agreement that added additional services to provide student marketing, recruitment, and enrollment services. Since that time, the university has decided to obtain additional services and EAB has acquired several companies that were providing other services.
to the university. This agreement will consolidate the existing services into one agreement and add the additional services desired by the university.

**Term:** July 1, 2021, to June 30, 2025.
VI. ACTION AGENDA

F. Request for Capital Project Approval – Doyne Health Sciences Center

In 2018, the Board of Trustees authorized the administration to proceed with the planning, design, and construction of the Integrated Health Sciences Building. As part of the initial bond issue approved in December 2018, approximately $1.3 million was set aside with the intention of renovating Doyne Health Sciences Center. The enhanced design is necessary to meet the needs of the larger program cohorts in the various health related disciplines.

The initial design changes for the three-story, 68,235 square-foot building have been developed. If approved, the next steps will be to engage an architect, contractor, and other entities necessary to facilitate the Doyne remodel project.

Therefore, the president recommends to the Board of Trustees the following resolution:

“BE IT RESOLVED: That the Board of Trustees hereby authorizes the administration to proceed with the planning, design, and renovation of the Doyne Health Sciences Center for the purpose of providing specialized areas for instruction of programs.

BE IT FURTHER RESOLVED: That the Board of Trustees authorizes the administration to execute documents, enter into contracts, and take such other steps as may be necessary to facilitate the above specified project.”
VI. ACTION AGENDA

G. Fees – Room and Board – Board Policy No. 632

The **current** room and board rate is $7,554 per year (based on a double-occupancy room and the Total Access meal plan with $100 declining cash balance “DCB”).

The **recommended** increase for the Total Access meal plan as reported by ADHE is **4.55%**; however, the **average** increase for all meal plans is **3.31%**. The increase in the board plans should generate an additional $268,548 overall, based on pre-pandemic usage. These funds will be available to help cover the 3.9% increase in the Aramark contract and allow for necessary service enhancements and upgrades. The Department of Housing and Residence Life completed a review of board plan rates from public institutions within the state. The proposed 2021-22 board plan rates continue to place UCA in the lower half of the 2020-21 price range for other Arkansas universities.

A **4.5%** increase is recommended for **room** rates. This increase is primarily related to the continuing effort to maintain and upgrade housing facilities. Recommended repairs to the residence halls and university-owned apartments exceed $10 million. The estimated annual revenue from the proposed increase for the housing room rates, based on pre-pandemic occupancy, is $674,963. The proposed 2021-22 room rates place UCA near the midpoint of the current 2020-21 rates for other Arkansas universities.

The proposed **room and board** rate for 2021-22 is $7,896 per year, based on double-occupancy room and the Total Access meal plan with $200 DCB, for an overall increase of **4.52%**. This increase will result in a student paying an additional **$342** per year. At this time, projected occupancy in housing and use of meal plans is uncertain due to the unknown nature of the pandemic.

The proposed schedule of room and board rates was presented to the Student Government Association (SGA) at their February 1, 2021, meeting.

The nightly rate (double/single) used for camps, conferences and other nightly stays will increase from $17/$25 to $20/$28. The additional revenue will help cover the added maintenance, cleaning and staffing required.

Therefore, the president recommends to the Board of Trustees the following resolution:

**“BE IT RESOLVED: That the Board of Trustees hereby approves the following revisions to Board Policy No. 632, Fees – Room and Board.”**

**BE IT FURTHER RESOLVED: That the Board of Trustees hereby approves the schedule of room and board rates presented below.”**
# 2021-2022 Room & Board Rates

## Residence Halls

<table>
<thead>
<tr>
<th>Tier</th>
<th>Hall(s)</th>
<th>Double Room Rate Per Semester</th>
<th>Single Room Rate Per Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier 1</td>
<td>Arkansas Hall, Bernard Hall, and RA Room</td>
<td>$2,163</td>
<td>$2,383</td>
</tr>
<tr>
<td>Tier 2</td>
<td>Baridon, Bear, Carmichael, Conway, Hughes, Short/Denney, and State Halls</td>
<td>$2,305</td>
<td>$3,500</td>
</tr>
<tr>
<td>Tier 3</td>
<td>Farris Hall and New Hall</td>
<td>N/A</td>
<td>$3,350</td>
</tr>
<tr>
<td>Tier 4</td>
<td>Donaghey Hall</td>
<td>$2,586</td>
<td>$3,887</td>
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</tbody>
</table>

*Single rooms are only available when space permits typically in the Spring semester.*

## Apartments

<table>
<thead>
<tr>
<th>Tier</th>
<th>Village(s)</th>
<th>Double Room Rate</th>
<th>Single Room Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier 1</td>
<td>Stadium Park, Oak Tree</td>
<td>$2,440</td>
<td>$3,569</td>
</tr>
<tr>
<td>Tier 2</td>
<td>Ebbagh, Torreyson</td>
<td>$2,586</td>
<td>$3,716</td>
</tr>
<tr>
<td>Tier 3</td>
<td>Bear Village, Western Heights</td>
<td>$2,586</td>
<td>$3,887</td>
</tr>
</tbody>
</table>

*Single rooms are only available when space permits typically in the Spring semester.*

## Greek Village

<table>
<thead>
<tr>
<th>Tier</th>
<th>Village(s)</th>
<th>Double Room Rate</th>
<th>Single Room Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier 1</td>
<td>Phi, BUCs, Phi Sig</td>
<td>$2,305</td>
<td>$3,350</td>
</tr>
<tr>
<td>Tier 2</td>
<td>GV Phase I and GV Phase II</td>
<td>$3,067</td>
<td>$3,887</td>
</tr>
</tbody>
</table>

## Break Housing

<table>
<thead>
<tr>
<th>Break</th>
<th>Double Room Rate</th>
<th>Single Room Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Winter Break</td>
<td>$435</td>
<td>$635</td>
</tr>
<tr>
<td>Spring Break</td>
<td>$140</td>
<td>$220</td>
</tr>
<tr>
<td>May Intercession</td>
<td>$540</td>
<td>$540</td>
</tr>
<tr>
<td>Summer I &amp; II per five week term</td>
<td>$610</td>
<td>$810</td>
</tr>
<tr>
<td>August Intercession</td>
<td>$180</td>
<td>$180</td>
</tr>
<tr>
<td>Nightly Rate used for approved early arrivals, late stays and other special circumstances</td>
<td>$20 per night</td>
<td>$28 per night</td>
</tr>
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</table>

## Meal Plans

### Residence Hall Meal Plan Options

<table>
<thead>
<tr>
<th>Plan</th>
<th>Rate per semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Access (in the café) + $200 Dining Dollars</td>
<td>$1,785</td>
</tr>
<tr>
<td>200 Block meals + $200 Dining Dollars</td>
<td>$2,035</td>
</tr>
<tr>
<td>Seniors Only - 120 Block meals + $550 Dining Dollars</td>
<td>$1,700</td>
</tr>
</tbody>
</table>

### Apartment Meal Plan Options

**ONLY Apartments, Greek Village, and Donaghey Hall**

<table>
<thead>
<tr>
<th>Plan</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>$750 Dining Dollars (+ $50 Bonus DD)</td>
<td>$750</td>
</tr>
<tr>
<td>$1050 Dining Dollars (+ $75 Bonus DD)</td>
<td>$1,050</td>
</tr>
</tbody>
</table>

**IMPORTANT**: Freshmen are required to live on campus. Apartments are available to students who are entering their second academic year. Single rooms are limited and upgrades are available space permitting. Meal plans are mandatory for all residents and may only be changed before classes begin each term. Any resident can choose a Residence Hall meal plan. You must be in an Apartment, Donaghey, or Greek Village to choose from the All Dining Dollar plans. Unused Dining Dollars will expire at the end of the Summer II term. Unused Block meals do not carry over from fall to spring. The residence halls close for break periods with housing available for additional cost. Apartments, Donaghey, and Greek Village are open during winter and spring breaks.
VI. ACTION AGENDA

H. Distinguished Professor Emeritus Award

The Faculty Emeritus Committee has unanimously recommended that retired UCA professors, Dr. Patricia Phelps and Dr. Richard Scott, receive the status of Distinguished Professor Emeritus. The professors were nominated for the honor by the faculty in their departments and have the support of all appropriate academic councils and administrators.

Therefore, the president recommends to the Board of Trustees the following resolution:

“BE IT RESOLVED: That the Board of Trustees hereby approves the recommendation that Dr. Patricia Phelps and Dr. Richard Scott receive the honor of Distinguished Professor Emeritus.”
RESOLUTION

WHEREAS, Dr. Patricia Phelps served as professor of school administration and secondary education in the Department of Teaching and Learning at the University of Central Arkansas from 1987 to 1990 and 1992 to 2019; and

WHEREAS, Dr. Patricia Phelps served as Coordinator of the Faculty Development Center and also served in numerous leadership capacities within the local, national and international business communities; and

WHEREAS, Dr. Patricia Phelps was appointed to the Kappa Delta Pi Educational Foundation Board from 2013 to 2015; and

WHEREAS, Dr. Patricia Phelps was instrumental in the creation of the Instructional Development Center, now known as the Center for Excellence in Teaching and Academic Leadership, co-authoring the grant to establish the center and served as Director from 2011 to 2014; and

WHEREAS, Dr. Patricia Phelps dedicated her tenure to promoting positive change in teacher education and K-12 learning; and

WHEREAS, Dr. Patricia Phelps served in mentoring partnerships with public schools and community organizations and is known by faculty, students, and staff for the enthusiastic way she recruited and inspired students to become successful teachers; and

WHEREAS, Dr. Patricia Phelps’s nomination was strongly supported by the tenured faculty of the Department of Teaching and Learning; and

WHEREAS, Dr. Patricia Phelps was unanimously recommended to receive the Distinguished Professor Emeritus Award by the Faculty Emeritus Committee;

NOW THEREFORE BE IT RESOLVED that the Board of Trustees of the University of Central Arkansas does hereby bestow the honor and status of Distinguished Professor Emeritus on Dr. Patricia H. Phelps, in recognition of her leadership in and her service to the Department of Teaching and Learning at the University of Central Arkansas; and

BE IT FURTHER RESOLVED that this resolution be made part of the minutes of the February 19, 2021 University of Central Arkansas Board of Trustees meeting.

___________________________________  ___________________________________
Kay Hinkle      Curtis Barnett
Chair       Secretary
RESOLUTION

WHEREAS, Dr. Richard Scott served as Assistant Director and Dean of the Norbert O. Schedler Honors College from 1992 to 2017; and

WHEREAS, Dr. Richard Scott served as professor of sociology in the Department of Sociology, Criminology, and Anthropology at the University of Central Arkansas from 1983 to 2017; and

WHEREAS, Dr. Richard Scott was instrumental in the development of the first tenure-track Honors faculty cohorts in the nation; and

WHEREAS, Dr. Richard Scott dedicated himself to serving the cause of undergraduate honors education both on campus and in the academic community and also served in numerous leadership capacities within the local, national and international business communities; and

WHEREAS, Dr. Richard Scott was instrumental in the promotion and institutionalization of study abroad programs and was recognized by the university in 2017 for outstanding commitment to study abroad; and

WHEREAS, Dr. Richard Scott was named a National Collegiate Honors Council Fellow in 2011 and also received the Sam Schuman Award for Excellence in Honors Education in 2015; and

WHEREAS, Dr. Richard Scott’s nomination was strongly supported by the tenured faculty of the Norbert O. Schedler Honors College; and

WHEREAS, Dr. Richard Scott was unanimously recommended to receive the Distinguished Professor Emeritus Award by the Faculty Emeritus Committee;

NOW THEREFORE BE IT RESOLVED that the Board of Trustees of the University of Central Arkansas does hereby bestow the honor and status of Distinguished Professor Emeritus on Dr. Richard I. Scott, in recognition of his leadership in and his service to the Norbert O. Schedler Honors College and the Department of Sociology at the University of Central Arkansas; and

BE IT FURTHER RESOLVED that this resolution be made part of the minutes of the February 19, 2021 University of Central Arkansas Board of Trustees meeting.

Kay Hinkle
Chair

Curtis Barnett
Secretary
VII. NOTIFICATIONS AND DELETIONS

A. Notification: New Programs in Applied Data Analytics: Technical Certificate, Bachelor of Science, and Master of Science

The Department of Management Information Systems (MIS) in the College of Business has proposed three new programs in applied data analytics: a Technical Certificate (TC), a Bachelor of Science (BS), and a Master of Science (MS). The new programs complement the department’s existing Graduate Certificate (GC) in Data Analytics and are being created by “reconfiguration”—that is, by using primarily existing courses to create curricula that provide students with strong data analytics preparation at each of these new programmatic levels. These programs require no new courses at the undergraduate level and only two (one required, one a “selective”) at the graduate level.

Data analytics is probably the fastest growing sector in technology today. The ability to collect, cleanse, analyze, and effectively use data for business purposes requires a toolbox full of skills and expertise. The field includes data management as well as descriptive, predictive, and prescriptive analytics and uses skills such as SQL, Python programming, R programming environment, Tableau, data mining, machine learning, advanced statistics, and others. The field—alternatively called data analytics or data science—is broad enough that it fits well into three different departments on campus: computer science and mathematics in the College of Natural Science and Mathematics and MIS in the College of Business. These three new programs provide depth to the current offerings at UCA. Data analytics programs are becoming increasingly common in higher education, as universities attempt to address the shortfall in analytics professionals needed in organizations today. All three of these programs are STEM-coded programs that provide the skills necessary to work as analytics professionals.

All appropriate university councils and administrators have recommended adoption of this change.

Supporting materials (following pages): UCA Curriculum Forms and Program Summaries
New Undergraduate Program Transmittal Form

Department: Management Information Systems  Date: 7/1/2020

NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR. If you wish to request a particular effective date, provide details on the following page.

Title of program/concentration/minor: Technical Certificate in Applied Data Analytics

Check the type of program and supply the requested information. Attach required documentation.

- ☐ New degree program (Attach ADHE Form P-1 and a Continuous Improvement Process plan.*)
- ☐ New degree program by "reconfiguration* of an existing degree program (Attach ADHE Form LON-11 and a Continuous Improvement Process plan.*)
- ☐ New certificate program (Attach ADHE Form LON-8 or LON-9, a Continuous Improvement Process plan* and Curriculum Attachment C signed by the Director of Financial Aid **)
- ☐ New concentration, emphasis, option, or track in an existing program. (Attach ADHE Form LON-3.)
- ☐ New minor program (Attach ADHE Form LON-3.)

*Consult the Director of Assessment early in the development of the Continuous Improvement Process plan.
**Consult the Director of Financial Aid early in the development of the new certificate program to determine whether students enrolled in the program will be eligible for financial aid.

Are any of the prerequisites or requirements of the proposed program offered by another department? ______ No

If YES, attach a signed letter from each department's chair describing the impact on the department.

<table>
<thead>
<tr>
<th>Recommended by Department and College</th>
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</thead>
<tbody>
<tr>
<td>1. Department Curriculum Committee Date: 8/11/2020</td>
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<tr>
<td>2. Department Chair Date: 8/11/2020</td>
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<tr>
<td>3. College Curriculum &amp; Assessment Committee Date: 9/16/2020</td>
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<tr>
<td>4. College Dean Date: 9/18/2020</td>
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<tr>
<th>Recommended by University Councils/Committees</th>
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<tr>
<td>5. Academic Assessment Council Date: 10-20-20</td>
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<td>6. Professional Education Council Date: 11-11-20</td>
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<tr>
<td>7. Undergraduate Council Date: 11-20-20</td>
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</tbody>
</table>

Submit proposals to the appropriate university Council at least one month before the meeting in which action is desired. Summer submissions may not be considered until the fall term.

Approved By:

| 9. Provost Date: 11/25/2020 |
| 10. President Date: 11/30/20 |

The Office of the Provost sends all required documentation to the AHECB and the Board of Trustees.

11. Letter of Intent to AHECB (if required) Date: ________________________________

12. Notification to or Approval by Board of Trustees (as required) Date: ________________________________

13. Notification to or Approval by AHECB (as required) Date: ________________________________

Recorded in Bulletin by: ________________________________

Offices of the Provost Date: ________________________________

Recorded in Degree Works by: ________________________________

Offices of the Registrar Date: ________________________________

The Registrar returns the signed copy to the Office of the Provost. The Office of the Provost sends a copy to the originating department.

Form updated July 8, 2016

Page 1 of 2
Technical Certificate in Applied Data Analytics

The technical certificate is designed for students who do not yet have an undergraduate degree and have neither the desire nor time to attempt a baccalaureate degree, but still wish to work in a technical field. The certificate program provides the skills and knowledge required for an entry-level position, with some opportunity for students to pursue directed areas of analytics through elective courses, based on their preference. In addition to this type of student, there may also be a few UCA undergraduate students who wish to add such a certificate to their résumés.

Curriculum

The TC in Applied Data Analytics requires 24 credit hours as detailed below.

Required courses (15 credit hours)

MIS 1300 Business Computing
QMTH 2330 Business Statistics
MIS 3343 Advanced Spreadsheets
MIS 3365 Database Applications
MIS 4381 Data Mining and Applied Analytics

Choose three of the following (9 credit hours)

MIS 3300 Introduction to Computer Architecture and Programming
MIS 3335 Python for Data Analytics
MIS 4320 Critical Thinking and Experimental Design
MIS 4325 Predictive Analytics
MIS 4330 Prescriptive Analytics
MIS 4380 Business Intelligence and Data Visualization
MIS 3382 Internship (must be in data analytics)
New Undergraduate Program Transmittal Form

Department: Management Information Systems
Date: 7/1/2020

NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR. If you wish to request a particular effective date, provide details on the following page.

Title of program/concentration/minor: BS in Applied Data Analytics

Check the type of program and supply the requested information. Attach required documentation.

- New degree program (Attach ADHE Form P-1 and a Continuous Improvement Process plan.*).
- New degree program by "reconfiguration" of an existing degree program (Attach ADHE Form LON-11 and a Continuous Improvement Process plan.*).
- New certificate program (Attach ADHE Form LON-8 or LON-9, a Continuous Improvement Process plan* and Curriculum Attachment C signed by the Director of Financial Aid**).
- New concentration, emphasis, option, or track in an existing program. (Attach ADHE Form LON-3.)
- New minor program (Attach ADHE Form LON-3.)

*Consult the Director of Assessment early in the development of the Continuous Improvement Process plan.
**Consult the Director of Financial Aid early in the development of the new certificate program to determine whether students enrolled in the program will be eligible for financial aid.

Are any of the prerequisites or requirements of the proposed program offered by another department? Yes
If YES, attach a signed letter from each department's chair describing the impact on the department.

Recommended by Department and College

<table>
<thead>
<tr>
<th>Department Curriculum Committee</th>
<th>Date</th>
<th>College Curriculum &amp; Assessment Committee</th>
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<th>Undergraduate Council</th>
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Submit proposals to the appropriate university Council at least one month before the meeting in which action is desired. Summer submissions may not be considered until the fall term.

Approved by

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<th>Provost</th>
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The Office of the Provost sends all required documentation to the AHECB and the Board of Trustees.

11. Letter of Intent to AHECB (If required)

12. Notification to or Approval by Board of Trustees (as required)

13. Notification to or Approval by AHECB (as required)

14. Recorded in Bulletin by

15. Office of the Provost

The Office of the Provost retains the original and sends a copy to the Office of the Registrar for changes in Degree Works.

16. Office of the Registrar

The Registrar returns the signed copy to the Office of the Provost. The Office of the Provost sends a copy to the originating department.

Form updated July 8, 2016
Bachelor of Science in Applied Data Analytics

This undergraduate degree program is designed for students about to enter college or currently in college. This STEM degree provides undergraduates with a solid foundation and the critical skills to carry out analytics tasks. It includes a foundation in business which is important for context. As the business need for professionals grows, this program will grow as well. The field of analytics is growing rapidly enough that undergraduate degrees in analytics are critical, and support the recommendations of the Governor’s Blue Ribbon Commission for Data Analytics and Computing (December 2017). This degree is gaining traction around the country, and most universities in Arkansas have such an undergraduate degree. While it is expected that undergraduate students already attending UCA will major in data analytics, we also expect that it will attract new students, who would not normally come to UCA.

Curriculum

The BS in Applied Data Analytics requires 120 credit hours. This summary does not include detail about general education requirements or general electives. The program includes no new courses.

Business/Math Required Courses (36 credit hours)

MIS 1300 Business Computing
ACCT 2310 Principles of Accounting I
ACCT 2321 Legal Environment of Business
ECON 2310* Global Environment of Business
ECON 2320* Principles of Macroeconomics
ECON 2321 Principles of Microeconomics
MATH 1395* Applied Mathematics for Business
QMTH 2330 Business Statistics
MGMT 2301* Business Communications
FINA 3330 Managing Finance and Capital
MGMT 3340 Managing People and Work
MKTG 3350 Principles of Marketing OR MGMT 3344 Operations and Supply Chain Management

*These courses can also count as part of the 38 hour lower-division UCA Core requirement.

Data Analytics/Technical Courses (42 credit hours)

MIS 3300 Introduction to Computer Architecture and Programming
MIS 3321 Managing Systems and Technology
MIS 3328 Systems Analysis and Design
MIS 3335 Python for Data Analytics
MIS 3343 Advanced Spreadsheets
MIS 3365 Database Applications
MIS 4320 Critical Thinking and Experimental Design
MIS 4325 Predictive Analytics
MIS 4330 Prescriptive Analytics
MIS 4380 Business Intelligence and Data Visualization
MIS 4381 Data Mining and Applied Analytics
MIS 4355 Project Management
MIS 3382** Internship in MIS OR any upper-division MIS course OR WRTG 3310
Technical Writing
ECON 3335 Econometrics OR MKTG 4353 Marketing Research and Data Management

** Internship must be in data analytics and approved by the chair
# New Graduate Program Transmittal Form

**Department:** Management Information Systems  
**Date:** 6/15/2020

NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR. If you wish to request a particular effective date, provide details on the following page.

**Title of program/concentration:** MS in Applied Data Analytics

**Check the type of program and supply the requested information. Attach required documentation.**

- [x] New degree program (Attach ADHE Form P-1 and Curriculum Attachment D.*)
- [ ] New degree program by "reconfiguration" of an existing degree program (Attach ADHE Form LON-11 and Curriculum Attachment D.*)
- [ ] New certificate program (Attach ADHE Form LON-10, Curriculum Attachment D,* AND Curriculum Attachment C signed by the Director of Financial Aid.**)
- [ ] New concentration in an existing program (Attach ADHE Form LON-3 and Curriculum Attachment D.*)

*Consult the Director of Assessment before completing Curriculum Attachment D. This attachment, signed by the Director of Assessment, must accompany the curriculum proposal throughout the internal curriculum process.

**Consult the Director of Financial Aid early in the development of a new certificate program to determine whether students enrolled in the program will be eligible for financial aid. Attachment C must accompany the proposal throughout the internal curriculum process.

Are any of the prerequisites or requirements of the proposed program offered by another department?  
- [ ] Yes  
- [x] No  
If YES, attach a signed letter from each department's chair describing the impact on the department.

## Recommended by Department and College

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<tr>
<th>No.</th>
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<td>3.</td>
<td>College Curriculum &amp; Assessment Committee</td>
<td>Signature</td>
<td>Date</td>
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<td>4.</td>
<td>College Dean</td>
<td>Signature</td>
<td>Date</td>
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## Recommended by University Councils

Submit proposals to the appropriate university Council at least one month before the meeting in which action is desired.

Is this a new teacher education program or option?  
- [ ] Yes  
- [x] No
If YES, it must be reviewed by the Professional Education Council.

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<th>No.</th>
<th>Professional Education Council</th>
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<td>Graduate Council</td>
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<tr>
<td>9.</td>
<td>President</td>
<td>Signature</td>
<td>Date</td>
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</table>

The Office of the Provost sends all required documentation to the AHECB and the Board of Trustees.

10. **Letter of Intent to AHECB (if required)**
    Date
11. **Notification to or Approval by Board of Trustees (as required)**
    Recorded in Bulletin by
    Date
12. **Notification to or Approval by AHECB (as required)**
    Date
13. **Office of the Provost**
    Recorded in Degree Works by
    Date

The Office of the Provost sends the signed original to the Graduate School. The Graduate School retains the original and sends a copy to the originating department.

**RECD UCA**  
**GRADUATE SCHOOL**  
**SEP 21 2020**

Form updated January 18, 2019  
Page 1 of 2
Master of Science in Applied Data Analytics

This graduate degree program is meant for students holding a bachelor’s degree who wish to change careers to a technology one or who wish to upgrade their technical skills. MIS has received numerous requests on the availability of such a program, particularly since the Graduate Certificate in Data Analytics (GC-DA) was approved. Students pursuing the GC-DA may go on to complete the MS, using the hours already earned in the certificate. This program should attract many professionals in the central Arkansas region that would normally not attend UCA. It may well attract those further afield because it is a program that can be completed online.

Curriculum

The MS in Applied Data Analytics requires 30 graduate credit hours as detailed below.

Prerequisite (3 credit hours)

QMTH 2330 Business Statistics or equivalent

Required Courses (24 credit hours)

MIS 5320 Critical Thinking and Experimental Design
MIS 5330 Prescriptive Analytics
MIS 5380 Business Intelligence and Data Visualization
MIS 5381 Data Mining and Applied Analytics
MIS 6325 Predictive Analytics
MIS 6335 Python for Data Analytics
MIS 6365 Data Warehousing and Data Management
MIS 6370 Applied Data Analytics Project [new course]

Electives (select two: 6 credit hours)

MIS 5355 Project Management
MBA 6301 Information Technology for Managers
ACCT 6320 Seminar in Accounting Information Systems
MIS 6382 Internship in Data Analytics [new course]
VII. NOTIFICATIONS AND DELETIONS

B. Notification: Reorganization of Concentrations in the Management Information Systems Major

The Department of Management Information Systems in the College of Business has proposed a reorganization of the concentrations in the Management Information Systems major, reducing the number of concentrations from three (with subtracks) to two and providing benefits to students and to the department. The change gives students greater choice, makes creating a schedule of classes easier, and generally allows greater freedom to shape student choices based on interests and goals. The change allows the department to schedule classes more efficiently and academic advisors to guide students more efficiently.

All appropriate university councils and administrators have recommended adoption of this change.

Supporting materials (following pages): (1) UCA Curriculum Form U2-A and (2) Summary of Reorganized Curriculum
# Undergraduate Curriculum Change: Action Item

**Department/program/concentration:** Management Information Systems  
**Date:** 6/22/2020

**NOTE:** CHANGES APPROVED BY THE PROVOST BEFORE JANUARY 31 WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR. If you wish to request an effective date earlier or later than this deadline stipulates, provide details in section III below.

Check all that apply and supply requested information. Attach required documentation.

- Change in total semester credit hour requirements for a major/minor  
  Current requirement: ______ Proposed: ______

- Add/remove required course(s) or change course(s) from an elective to a requirement in a major or minor. * (List prefix and number; list multiple courses on the following page.)
  Add: ______  Remove: ______  Change: ______

- Add/remove elective course(s) or change course(s) from a requirement to an elective in a major or minor when the change affects total hours and/or affects another department. * (List prefix and number; list multiple courses on following pages.)
  Add: ______  Remove: ______  Change: ______

- Add existing course(s) to the UCA Core. Attach Curriculum Attachment A for each course.
  Course(s) (List prefix and number): ______

- Designate existing UCA Core course(s) as Freshmen Year Seminar (FYS). Attach Curriculum Attachment B for each course.
  Course(s) (List prefix and number): ______

- Remove course(s) from the lower-division UCA Core (List prefix and number):
  Remove: ______  Change: ______

- Add/remove course prerequisite(s) when the change affects total hours for a major/minor and/or affects another department. *
  Add: ______  Remove: ______  Change: ______

- Change level and/or credit value of course. Do the course expectations warrant the change in level or credit value? Justify on page 2 and attach relevant documentation (e.g., syllabus).
  Course prefix: ______  Current course number: ______  Proposed course number: ______

  Consult the Catalog Inventory at [http://uca.edu/go/reg-info](http://uca.edu/go/reg-info) to verify that the requested number is available.

- Remove course(s) from the Bulletin when the change affects total hours and/or affects another department. *
  (Note: The course(s) will be inactive for a period of five years, and can be reinstated by submitting Curriculum Form U2-A. After five years, the course(s) will be permanently inactivated and can be reinstated only through the new course proposal process.)
  Course(s) (List prefix and number): ______

- Other (specify): Reduce the number of MIS concentrations from three to two

*If the change affects another department, attach correspondence from the department’s chair describing the impact on the department.

Does the change affect student financial aid? ______

Consult Curriculum Attachment C for qualifying changes. If YES, attach Curriculum Attachment C signed by the Director of Financial Aid.

---

**Recommended by Department and College**

1. Department Committee  
   Date: 3/18/20  
   [Signature]

2. Dean  
   Date: 3/18/20  
   [Signature]

3. Department Chair  
   Date: 4/13/20  
   [Signature]

4. College Dean  
   Date: 9/18/20  
   [Signature]

Submit proposals to the appropriate university Council at least one month before the meeting in which action is desired. Summer submissions may not be considered until the fall term.

**Recommended by University Councils**

5. Professional Education Council  
   Date: 10/20/20  
   [Signature]

6. UCA Core Council  
   Date: 11/11/20  
   [Signature]

7. Undergraduate Council  
   Date: 9/18/20  
   [Signature]

8. Council of Deans  
   Date: 11/11/20  
   [Signature]

9. Office of the Provost  
   Date: 11/25/20  
   [Signature]

The Office of the Provost sends a copy to the Office of the Registrar for changes in Degree Works.

**Recorded in the Bulletin by**

10. Office of the Provost  
    Date: ______  
    [Signature]

**Recorded in Banner by**

11. Office of the Provost  
    Date: ______  
    [Signature]

**Recorded in Degree Works by**

12. Office of the Registrar  
    Date: ______  
    [Signature]

The Office of the Provost retains the signed original and sends a copy to the originating department.
Address items I–III by typing or pasting the response in the area below each section.

I. DESCRIPTION OF AND JUSTIFICATION FOR CURRICULUM CHANGE

Describe the curriculum change (if the change involves multiple courses, list them here). Why is this change being proposed? How does it advance the goals and objectives of the degree/certificate program and/or the UCA Core? If this change is being proposed in response to a national or regional accrediting agency, please attach verification.

Currently MIS has three concentrations, in Application Development, Network & Systems Administration, and Business Analysis. Further, the Application Development Concentration has three sub-tracks (Programmer/Analyst, E-Commerce, and GIS), and students in this concentration must choose one of these sub-tracks. Application Development is a software-based track, Networking is hardware-based, and Business Analysis is analytics and statistics-based.

This change reduces the number of concentrations to two, by combining the Application Development and Network & Systems Administration concentrations. The new concentration will be called Computer Information Systems. This proposal makes no change to the Business Analysis Concentration. Combining the software and hardware concentrations into one is advantageous to both students and the department. For students, it permits them more choice in their plan of study. It allows students to combine programming with networking, if they choose. It makes scheduling easier for them by reducing the number of "required" courses, putting electives in their place ("Choose two of the following"). Based on their interest and goals, students will have more freedom to concentrate on software, hardware, or some combination of the two.

The change will allow the department to operate much more efficiently. Currently, there are required courses in each concentration and sub-track, and some of these courses have low enrollment. The added flexibility will mean the department does not have to teach these courses with the regularity it does now. Reducing the course teaching load is beneficial for scheduling and instructor utilization. It will be easier to pair faculty with their specialties. In addition, it will be much easier for advisors to counsel students, as this proposal greatly simplifies the major.

II. PROPOSED REVISIONS TO THE UNDERGRADUATE BULLETIN

Cut and paste below the relevant section(s) of the current Undergraduate Bulletin. Strike through text to be deleted. Highlight text to be added.

See attached sheet; the number of changes will fit more easily on a separate page.

III. EFFECTIVE DATE REQUEST

If you wish to request an effective term different from that stipulated in this form's headnote, indicate the requested effective term here and provide justification. If not, enter N/A.

N/A
Summary of Current Concentrations

(1) Application Development Concentration
MIS Core Courses
One required course
Select one programming course (choose from four options)
Select one upper-division elective (except for the GIS sub-concentration, which allows no electives)
Choose one of the following sub-concentrations:
   E-Commerce (6 hours)
   Programmer/Analyst (3 hours)
   Geographic Information Systems (11-12 hours)

(2) Network and Systems Administration Concentration
MIS Core Courses
Three required courses
Select one upper-division elective

(3) Business Analysis Concentration
MIS Core Courses
Select three analytics courses (choose from seven options)
Select one upper-division elective

Reorganized Concentrations
The reorganization combines the software-based and hardware-based concentrations (Application Development and Network and Systems Administration) in a single concentration (Computer Information Systems). No changes are proposed for the Business Analysis concentration in this reorganization. The combined concentration, is detailed here. The new concentration allows students to shape their choices based on their interests and goals.

Computer Information Systems Concentration
MIS Core Courses (12 hours: no change from current curriculum)
Choose one of the following (3 hours):
MIS 3363 Telecommunications & Computer Networks  OR  CSCI 2335 Networking*
Choose two of the following (6 hours)
MIS 3301 Programming in COBOL I
MIS 3339 Programming in Java I
MIS 3362 Programming in Visual Basic I
MIS 3366 Website Development
MIS 4329 Database Management Systems
MIS 4339 Programming in Java II
MIS 4360 Principles of Information Security
MIS 4361 Cybersecurity Governance and Policy
MIS 4363 Telecommunications & Computer Networks II
MIS 4364 Computer & Network Security
MIS 4366 E-commerce & Advanced Website Development
MIS 4375 Cybersecurity Strategy and Management
MIS 4390 Special Projects in Information Systems

Choose one elective from any advanced (3000- or 4000-level) MIS course or ACCT 3320 (3 hours).

*Students who take CSCI 2335 Networks must take an additional elective MIS course at the upper-division level (3000- or 4000-level); this course could be MIS 3363 or any other UD MIS course.
C. Notification: New Program, Bachelor of Science in Data Science

The Department of Computer Science in the College of Natural Sciences and Mathematics has proposed a new Bachelor of Science (BS) program in Data Science by reconfiguration—that is, by using primarily existing courses (one new course has been created for this program). The new program begins with the existing Computer Science/Data Science concentration and has been designed to meet the newly released Program Criteria for Data Science Programs from ABET’s Computing Accreditation Commission. The reconfiguration is achieved by adding Mathematics courses that are crucial for Data Science; replacing the theoretical or systems-oriented Computer Science courses with Data Science courses; replacing the Computer Science capstone with a Data Science capstone; and replacing the category of Computer Science electives by concentrations so that each Data Science major can specialize in a specific application domain.

The proposed program will initially feature three concentrations: Computer Science (contributed by the Department of Computer Science), Statistics (contributed by the Department of Mathematics), and Business (contributed by the Department of Management Information Systems). The first two concentrations are contributed by the College of Natural Sciences and Mathematics and the third by the College of Business. In time, we expect other departments to contribute suitable Data Science concentrations to the program (e.g., a Bioinformatics concentration by the Department of Biology, a Cheminformatics concentration by the Department of Chemistry, or a Geoinformatics concentration by the Department of Geography).

All appropriate university councils and administrators have recommended approval of the BS in Data Science.

Supporting materials (following pages): (1) Curriculum Form U-3, p. 1 (approvals), (2) Curriculum Outline of the Reconfigured Program, (3) General ABET Accreditation Information
New Undergraduate Program Transmittal Form

Department: Computer Science
Date: 11/16/2020

NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR. If you wish to request a particular effective date, provide details on the following page.

Title of program/concentration/minor: BS in Data Science

Check the type of program and supply the requested information. Attach required documentation.

☐ New degree program (Attach ADHE Form LON-1 and Curriculum Attachment D.*)
☒ New degree program by "reconfiguration" of an existing degree program (Attach ADHE Form LON-11 and Curriculum Attachment D.* )
☐ New certificate program (Attach ADHE Form LON-8 or LON-9, Curriculum Attachment D.* and Curriculum Attachment C signed by the Director of Financial Aid.* )
☐ New concentration, emphasis, option, or track in an existing program. (Attach ADHE Form LON-3 and Curriculum Attachment D.)
☐ New minor program (Attach ADHE Form LON-3.)

*Consult the Director of Assessment before completing Curriculum Attachment D. This attachment, signed by the Director of Assessment, must accompany the curriculum proposal throughout the internal curriculum process.

**Consult the Director of Financial Aid early in the development of a new certificate program to determine whether students enrolled in the program will be eligible for financial aid. Attachment C must accompany the proposal throughout the internal curriculum process.

Are any of the prerequisites or requirements of the proposed program offered by another department? Yes

If YES, attach a signed letter from each departments chair describing the impact on the department.

Recommended by Department and College

<table>
<thead>
<tr>
<th>Date</th>
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<tbody>
<tr>
<td>11/16/2020</td>
<td>Department Chair</td>
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<td>11/16/2020</td>
<td>Departmeht Chair</td>
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</tbody>
</table>

Recommended by University Councils

Submit proposals to the appropriate university Council(s) at least one month before the meeting in which action is desired.

Is this a new teacher education program or option? No

If YES, it must be reviewed by the Professional Education Council.

<table>
<thead>
<tr>
<th>Date</th>
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<tr>
<td>1/19/21</td>
<td>Undergraduate Council</td>
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Approved by

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<tr>
<th>Date</th>
<th>Name</th>
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<tbody>
<tr>
<td>1/22/2021</td>
<td>Provost</td>
</tr>
<tr>
<td>1/27/21</td>
<td>President</td>
</tr>
</tbody>
</table>

The Office of the Provost sends all required documentation to the UCA Board of Trustees and the AHECB.

Letter of Intent to AHECB (If required)
Date

Notification to or Approval by AHECB (as required)
Recorded in Bulletin by
Office of the Provost
Date

The Office of the Provost retains the original and sends a copy to the Office of the Registrar for changes in Degree Works.

Recorded in Banner by
Office of the Provost
Date

Recorded in Degree Works by
Office of the Registrar
Date

The Registrar returns the signed copy to the Office of the Provost. The Office of the Provost sends a copy to the originating department.

Form updated February 15, 2019 Page 1 of 3
BS in Data Science: Curriculum Outline (120 credit hours)

Required Computing Core (42 credit hours)
CSCI 1470 Computer Science I
CSCI 1480 Computer Science II
CSCI 2310 Introduction to Data Science [new course]
CSCI 2320 Data Structures
CSCI 3330 Algorithms
CSCI 3360 Database Systems [UD UCA Core: C]
CSCI 3381 Object-Oriented Software Development with Java
MATH 3381 Data Cleaning and Visualization
CSCI 3385 Artificial Intelligence
CSCI 4315 Information Security [UD UCA Core: R]
CSCI 4321 Ethical Implications of Technology [UD UCA Core: D, R]
CSCI 4370 Data Mining
CSCI 4491 Applied Data Science [UD UCA Core: Z]

Required Mathematics/Statistics Core (20 credit hours)
MATH 1496 Calculus I [also fulfills a general education requirement]
MATH 1497 Calculus II
CSCI 2330 Discrete Mathematics for Computing
MATH 3311 Statistical Methods
MATH 3320 Linear Algebra [UD UCA Core: I]
MATH 4371 Introduction to Probability [UD UCA Core: R]

Data Science Concentration (12–18 credit hours)
Students majoring in Data Science will be required to complete one of the following concentrations.

1. Computer Science (12 credit hours)
   CSCI 3V75 Internship (3 CH) or an upper-division course approved by the chair
   CSCI 2335 Networking or CSCI 3345 Human-Computer Interaction or CSCI 4340
   Introduction to Parallel Programming
   CSCI 4371 Machine Learning
   CSCI 4372 Data Clustering

2. Statistics (18 credit hours)
   MATH 3392 Multivariate Analysis
   MATH 4373 Regression Analysis
   MATH 4391 Machine Learning
   MATH 4392 Time Series and Forecasting
   and 6 credit hours of electives chosen from the following MATH courses:
   MATH 3391 Nonparametric Statistics
   MATH 4381 Special Problems in Mathematics (when the subject is one of the following:
   Qualitative Data Analysis, Text Mining, or Bayesian Analysis)
3. Business (12 credit hours)
   MIS 3382 Internship in Management Information Systems (or an upper-division course approved by the chair)
   MIS 4325 Predictive Analytics
   MIS 4330 Prescriptive Analytics
   MIS 4380 Business Intelligence and Data Visualization

UCA Lower-Division Core (39 credit hours)
General Electives (5–11 credit hours depending on the concentration chosen)

About ABET Accreditation
from https://www.abet.org/accreditation/ (retrieved 2021-01-27)

We are a nonprofit, non-governmental agency that accredits programs in applied and natural science, computing, engineering and engineering technology.

ABET accreditation provides assurance that a college or university program meets the quality standards of the profession for which that program prepares graduates.

We accredit programs, not institutions. We provide specialized accreditation for post-secondary programs within degree-granting institutions already recognized by national or regional institutional accreditation agencies or national education authorities worldwide.

Our accreditation is voluntary, and to date, 4,307 programs at 846 colleges and universities in 41 countries have received ABET accreditation. Over 175,000 students graduate from ABET-accredited programs each year, and millions of graduates have received degrees from ABET-accredited programs since 1932.
VII. NOTIFICATIONS AND DELETIONS

D. Notification: Substantive Program Revisions, PhD in Leadership Studies

The Department of Leadership Studies in the College of Education has proposed a significant revision of the PhD in Leadership Studies. The revision makes three major changes:

1. Creates three defined concentrations within the program: (a) K–12 Leadership, (b) Digital Age Curriculum and Instruction, and (c) Community Leadership and Change.
2. Converts the program to online delivery, thereby diversifying and expanding the potential audience from whom the program can draw students.
3. Changes the program name to Leadership for Inclusion and Equity to reflect the increased emphasis in the program on change leadership for equity and inclusion.

Admission will remain limited and competitive.

These changes update the program and bring it greater structure and clarity as a program.

All appropriate university councils and administrators have recommended adoption of these changes.

Supporting materials (following pages): (1) UCA Curriculum Forms G2-A and G3, (2) Curriculum Summary
Graduate Curriculum Change: Action Item

Department/program/concentration: College of Education/PhD in Leadership for Inclusion and Equity/All Concentrations
Date: 12/17/2020

NOTE: CHANGES APPROVED BY THE PROVOST BEFORE JANUARY 31 WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR. If you wish to request an effective date earlier or later than this deadline stipulates, provide details in section III below.

Check all that apply and supply requested information. Attach required documentation.

- Change in total semester credit hour requirements for a degree or certificate program
  - Current requirement: 60
  - Proposed requirement: 63
  - Add/Remove required course(s) or change course(s) from an elective to a requirement in a degree or certificate program. (List prefix and number; list multiple course on following pages.)
    - Add: See below
    - Remove: See below
    - Change: See below

- Add/remove elective course(s) or change course(s) from a requirement to an elective in a degree or certificate program when the change affects total hours and/or affects another department.* (List prefix and number; list multiple courses on the following page.)
  - Add: See below
  - Remove: See below
  - Change: See below

- Add or remove course prerequisite(s) when the change affects total hours for a degree/certificate program and/or affects another department.*
  - Course prefix and number: ____________________________
  - Remove: ____________________________
  - Add: ____________________________

- Change level and/or credit value of course. Do the course expectations warrant the change in level or credit value? Justify on page 2 and attach relevant documentation [e.g., syllabus].
  - Course prefix: ____________________________
  - Current course number: ____________________________
  - Proposed course number: ____________________________
  - Consult the Catalog Inventory at [URL] to verify that the requested number is available.

- Remove course(s) from the Bulletin when the change affects total hours and/or affects another department.*
  - Note: The course(s) will be in effect for a period of five years, and can be reinstated by submitting Curriculum Form G2-A. After five years, the course(s) will be permanently inactivated and can be reinstated only through the new course proposal process.
  - Course(s) (list prefix and number): ____________________________

- Other (specify): Program name change - see below

* If the change affects another department, attach correspondence from the department's chair describing the impact on the department.

Does the change affect student financial aid? Yes/No:
Consult Curriculum Attachment C for qualifying changes. If YES, attach Curriculum Attachment C approved by the Director of Financial Aid.

<table>
<thead>
<tr>
<th>Recommended by Department and College</th>
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<tbody>
<tr>
<td>1. Department Chair</td>
<td>12/18/2020</td>
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<tr>
<td>2. College Dean</td>
<td>12/18/2020</td>
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<tr>
<td>3. College Curriculum &amp; Assessment Committee</td>
<td>12/18/2020</td>
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<tr>
<td>4. Victoria Groves-Scott</td>
<td>12/18/2020</td>
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</tbody>
</table>

Submit proposals to the appropriate university Council at least one month before the meeting at which action is desired. Summer submissions may not be considered until the fall term.

Recommended by University Councils

Does this change affect a teacher education program? Yes/No:
If YES, must be reviewed by the Professional Education Council.

| Recommended by University Councils |
|-----------------------------------|--|
| 5. Victoria Groves-Scott | 12/18/2020 |

Approved by

| Recorded in the Bulletin by |
|-------------------------------|--|
| 6. Grad Council | 12/18/2020 |
| 7. Office of the Provost | 12/18/2020 |

Recorded in Banner by

| Recorded in Degree Works by |
|-----------------------------|--|
| 8. Office of the Provost | 12/18/2020 |
| 9. Graduate School | 12/18/2020 |

The Office of the Provost sends the signed original to the Graduate School. The Graduate School retains the original and sends a copy to the originating department.
New Graduate Program Transmittal Form

Department: College of Education  Date: 09/21/2020

NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR.
If you wish to request a particular effective date, provide details on the following page.

Title of program/concentration: PhD in Leadership for Inclusion and Equity/K-12 Education Leadership, Digital Age Curriculum and Instruction, Community Leadership and Change

Check the type of program and supply the requested information. Attach required documentation.

☐ New degree program (Attach ADHE Form P-1 and Curriculum Attachment D.* )
☐ New degree program by "reconfiguration" of an existing degree program (Attach ADHE Form LON-11 and Curriculum Attachment D.*)
☐ New certificate program (Attach ADHE Form LON-10, Curriculum Attachment D.*, and Curriculum Attachment C signed by the Director of Financial Aid. **)
☐ New concentration in an existing program (Attach ADHE Form LON-3 and Curriculum Attachment D.* )

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Result: 10/13/2020

Recommended by University Councils

Submit proposals to the appropriate university council at least one month before the meeting in which action is desired.

Is this a new teacher education program or option? Yes/No: Yes

If YES, refer to the proposals guidelines by the Professional Education Council.

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The Office of the Provost sends all required documentation to the AHESC and the Board of Trustees.

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The Office of the Provost sends the signed original to the Graduate School. The Graduate School retains the original and sends a copy to the originating department.

Form updated January 18, 2019
New Graduate Program Transmittal Form

Department: College of Education  
Date: 09/21/2020

NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR.
If you wish to request a particular effective date, provide details on the following page.

Title of program/concentration: PhD in Leadership for Inclusion and Equity/Community Leadership and Change

Check the type of program and supply the requested information. Attach required documentation.

☐ New degree program (Attach ADHE Form P-1 and Curriculum Attachment D.*)
☐ New degree program by “reconfiguration” of an existing degree program (Attach ADHE Form LON-11 and Curriculum Attachment D.*)
☐ New certificate program (Attach ADHE Form LON-10, Curriculum Attachment D,* AND Curriculum Attachment C signed by the Director of Financial Aid.*)

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The Office of the Provost sends all required documentation to the AHECB and the Board of Trustees.

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The Office of the Provost sends the signed original to the Graduate School. The Graduate School retains the original and sends a copy to the originating department.

Form updated January 18, 2019
# New Graduate Program Transmittal Form

**Department:** College of Education  
**Date:** 09/21/2020

**NOTE:** UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR.

If you wish to request a particular effective date, provide details on the following page.

**Title of program/concentration:** PhD in Leadership for Inclusion and Equity/Digital Age Curriculum and Instruction

Check the type of program and supply the requested information. Attach required documentation.

- [ ] New degree program (Attach ADHE Form LON-1 and Curriculum Attachment D.*).
- [ ] New degree program by "reconfiguration" of an existing degree program (Attach ADHE Form LON-11 and Curriculum Attachment D.*).
- [ ] New certificate program (Attach ADHE Form LON-10, Curriculum Attachment D,* AND Curriculum Attachment C signed by the Director of Financial Aid.*)
- [x] New concentration in an existing program (Attach ADHE Form LON-3 and Curriculum Attachment D.*).

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Are any of the prerequisites or requirements of the proposed program offered by another department?  

If YES, attach a signed letter from each department's chair describing the impact on the department.

---

### Recommended by Department and College

1. [Signature]  
   **Date:** 10/13/2020

2. [Signature]  
   **Date:** 10/13/2020

---

### Recommended by University Councils

Submit proposals to the appropriate university council at least one month before the meeting in which action is desired.

- Is this a new teacher education program or option? **YES/NO:**
  - If YES, it must be approved by the Professional Education Council.

3. [Signature]  
   **Date:** 10/13/2020

4. [Signature]  
   **Date:** 10/13/2020

5. [Signature]  
   **Date:** 10/13/2020

6. [Signature]  
   **Date:** 10/13/2020

7. [Signature]  
   **Date:** 10/13/2020

### Approved by

8. [Signature]  
   **Date:** 12/17/2020

9. [Signature]  
   **Date:** 1/14/21

---

The Office of the Provost sends all required documentation to the AHECB and the Board of Trustees.

10. **Letter of Intent to AHECB (if required)**  
    **Date:**

11. **Notification to or Approval by Board of Trustees (as required)**  
    **Date:**

12. **Notification to or Approval by AHECB (as required)**  
    **Date:**

13. **Recorded in Bulletin by**  
    **Office of the Provost**  
    **Date:**

14. **Recorded in Banner by**  
    **Office of the Provost**  
    **Date:**

15. **Recorded in Degree Works by**  
    **Office of the Provost**  
    **Date:**

The Office of the Provost sends the signed original to the Graduate School. The Graduate School retains the original and sends a copy to the originating department.
Curriculum Summary

a. Current Curriculum

Total credit hour required: 60 Credit Hours

LEAD 6302 Leadership Communication in Organizations
LEAD 7303 Leadership in Complex Organizations
LEAD 7304 Leadership and Ethics
LEAD 8305 Leadership Theory
LEAD 8V08 Major Area of Leadership Research (Qualifying Paper)
LEAD 8334 Leadership and Change
LEAD 7300 Research Design
PSYC 6330 Advanced Psychological Statistics
LEAD 8309 Leadership Inquiry
LEAD 8302 Advanced Qualitative Research
PSYC 7320 Regression and Multivariate Analysis
LEAD 8336 Contemporary Issues in Leadership;
LEAD 8338 Independent Readings and Research in Leadership
Cognate Courses (15 semester hours) independent study, elective courses, transfer courses
LEAD 9V10 Dissertation (12 semester hours)

b. Proposed Curriculum

Total credit hours required: 63 Credit Hours

Leadership Core - 15 credit hours
CLEI 8301 Leadership Ethics
CLEI 8303 Leading and Learning
CLEI 8305 Leadership for Equity and Inclusion
CLEI 8307 Leader as an Agent of Change
CLEI 8309 Leadership and Community Collaboration

Research Core - 15 credit hours
CLEI 8311 Doctoral Research Design and Methods
CLEI 8313 Quantitative Research 1
CLEI 8315 Qualitative Research 1
CLEI 8317 Quantitative Research 2
CLEI 8319 Qualitative Research 2
CLEI 8388 Research Methods: Special Topic (Those students wishing to take a third course in quantitative/qualitative research may take this course in place of Qualitative 2 or Quantitative 2)

Dissertation
CLEI 8V99 Dissertation - 12 credit hours
Concentrations - 21 credit hours

*K-12 Education Leadership Concentration - 21 credit hours from:*
SLMA 6311 Leadership and the Community
SLMA 6313 Ethics, Law, and Leadership
SLMA 6315 Leadership for Education Equity
SLMA 6317 Leadership of Operation and Management Systems
SLMA 6319 Instructional Leadership I: Cultivating Teacher Leadership
SLMA 6325 Visionary Leadership: Building a Culture of Trust and High Expectations
EDLP 6324 Facilities Planning and Administration
EDLP 6325 School Community Relations
EDLP 7300 School Finance
EDLP 7301 Program Planning and Evaluation
EDLP 7324 School Board Relations
EDLP 7363 Human Resource Administration
EDLP 7387 Organizational Change and Development
EDLP 7V30 Three hours of internship for all leadership endorsement plans, not transferrable from outside institutions
LEADS 8352 Advanced School Law
ITEC 6368 Technology Planning and Leadership

*Digital Age Curriculum and Instruction Concentration - 21 credit hours from:*
EDDL 7300 Empowering Students through Mobile Learning
EDDL 7312 Professional Learning in the Digital Age
EDDL 7328 Digital Age Learning Environments
EDDL 7335 Professional Learning Communities and Social Media
EDDL 7342 Digital Equity and Culturally Responsive Teaching in the Digital Age
EDDL 7362 Impact of Digital Literacy and Citizenship on Teaching and Learning
EDDL 7375 Digital Authorship and Cultivating Open Educational Resources
EDDL 7388 Redefining Roles in the Digital Age
EDDL 7390 Approaches to Digital Age Thinking and Learning
EDDL 7399 Emerging and Disruptive Technology in Learning

*Community Leadership and Change Concentration - 21 credit hours:*
LEAD 8361 Leadership and Social Change Inquiry
LEAD 8363 Community Empowerment and Leadership Approaches
LEAD 8365 Leader Identity and Expertise Development
LEAD 8367 Collective Leadership and Resilient Communities
LEAD 8369 Leading Organizational Change and Development
LEAD 8370 Social Entrepreneurship
LEAD 8372 Generative Leadership: Innovation and Value-Creation
VII. NOTIFICATIONS AND DELETIONS

E. Notification: New Minor Program in Financial Services

The Department of Economics, Finance, and Insurance and Risk Management in the College of Business has proposed a new minor program in Financial Services. The new minor is designed to provide students with a basic foundation in the financial services sectors of banking, investments, and insurance. The minor requires no new courses.

All appropriate university councils and administrators have recommended adoption of this change.

Supporting materials (following pages): (1) UCA Curriculum Form U-3 and (2) Curriculum Description and Summary
New Undergraduate Program Transmittal Form

Department: Economics, Finance, Insurance & Risk Management Date: 04-03-2020

NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR. If you wish to request a particular effective date, provide details on the following page.

Title of program/concentration/minor: Minor in Financial Services

Check the type of program and supply the requested information. Attach required documentation.

- New degree program [Attach ADHE Form LON-11 and Curriculum Attachment D.*]
- New degree program by "reconfiguration" of an existing degree program [Attach ADHE Form LON-11 and Curriculum Attachment D.*]
- New certificate program [Attach ADHE Form LON-8 or LON-9, Curriculum Attachment D.*, and Curriculum Attachment C signed by the Director of Financial Aid.**]
- New concentration, emphasis, option, or track in an existing program. [Attach ADHE Form LON-3 and Curriculum Attachment D.]
- New minor program [Attach ADHE Form LON-3]

*Consult the Director of Assessment before completing Curriculum Attachment D. This attachment, signed by the Director of Assessment, must accompany the curriculum proposal throughout the internal curriculum process.

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Are any of the prerequisites or requirements of the proposed program offered by another department? No

If YES, attach a signed letter from each department's chair describing the impact on the department.

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<tr>
<td>8. Provost</td>
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<tr>
<td>9. President</td>
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</table>

The Office of the Provost sends all required documentation to the UCA Board of Trustees and the AHECB.

10. Letter of Intent to AHECB (if required)
11. Notification to or Approval by Board of Trustees (as required)
12. Notification to or Approval by AHECB (as required)
13. Recorded in Bulletin by
14. Office of the Provost
15. Office of the Registrar

The Office of the Provost retains the original and sends a copy to the Office of the Registrar for changes in Degree Works.

Recorded in Banner by
Recorded in Degree Works by

The Registrar returns the signed copy to the Office of the Provost. The Office of the Provost sends a copy to the originating department.

Form updated February 15, 2019 Page 1 of 4
Curriculum Description and Summary

Description

Students will be introduced to market forces, supply and demand relationships, and decision making with scarce resources in the economics courses. They will then be introduced to all segments of personal finance topics (insurance, retirement related planning, investment, etc.) and get an overview of the financial markets and the commercial banking industry in the four required courses in the minor. Students can then pursue more in-depth knowledge though the choice of two electives that will build upon these four foundational courses. Students will be able to explain basic concepts related to financial services and be able to evaluate and analyze information related to the discipline in their selected financial services elective courses.

Summary

A minor in Financial Services requires 18 unique hours (that is, these 18 hours may not be used for any other major or minor). Students earning a BA or BS in Economics cannot earn this minor.

Required courses 12 credit hours)

ECON 2320 Principles of Macroeconomics
ECON 2321 Principles of Microeconomics
FINA 2330 Personal Finance or FINA 3350 Personal Financial Planning
FINA 3340 Money and Banking

Electives (6 credit hours: choose two)

FINA 3323 Real Estate
FINA 4331 Bank Management
FINA 4332 Investments
FINA 4333 International Finance
INSU 3324 Risk and Insurance
F. Notification: New Minor Program in Education for Community Engagement

The Department of Teaching and Learning in the College of Education has developed a non-licensure minor program in Education for Community Engagement. Students in majors with a tangential relationship to education (e.g., psychology or business) have expressed an interested in an education-related minor that does not lead to teacher licensure. The new minor will benefit such students by helping them to better contextualize their majors within the scope of the K-12 education system, particularly with respect to using the content expertise gained from this minor to better the lives of students, parents, and other community stakeholders.

All appropriate university councils and administrators have recommended adoption of this change.

Supporting materials (following pages): (1) Curriculum Form U-3 and (2) Curriculum and Outcomes Summary
### New Undergraduate Program Transmittal Form

**Department:** Teaching & Learning  
**Date:** 08/25/2020

*NOTE: UPON COMPLETION OF ALL REQUIRED APPROVALS, NEW PROGRAMS WILL BE PUBLISHED IN THE BULLETIN FOR THE NEXT ACADEMIC YEAR.*

If you wish to request a particular effective date, provide details on the following page.

#### Title of program/concentration/minor:

**Education for Community Engagement**

Check the type of program and supply the requested information. Attach required documentation.

- New degree program (Attach ADHE Form LON-11 and Curriculum Attachment D.**)
- New degree program by "reconfiguration" of an existing degree program (Attach ADHE Form LON-11 and Curriculum Attachment D.**)
- New certificate program (Attach ADHE Form LON-8 or LON-9, Curriculum Attachment D.*, and Curriculum Attachment C signed by the Director of Financial Aid.**)
- New concentration, emphasis, option, or track in an existing program. (Attach ADHE Form LON-3 and Curriculum Attachment D.)
- New minor program (Attach ADHE Form LON-3.)*

*Consult the Director of Assessment before completing Curriculum Attachment D. This attachment, signed by the Director of Assessment, must accompany the curriculum proposal throughout the internal curriculum process.

**Consult the Director of Financial Aid early in the development of a new certificate program to determine whether students enrolled in the program will be eligible for financial aid. Attachment C must accompany the proposal throughout the internal curriculum process.

Are any of the prerequisites or requirements of the proposed program offered by another department?  
**No**

If YES, attach a signed letter from each department's chair describing the impact on the department.

---

### Recommended by Department and College

<table>
<thead>
<tr>
<th>1. Department Curriculum Committee</th>
<th>2. Virginia Gooch-Swann</th>
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<tbody>
<tr>
<td>Date: 12/16/2020</td>
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### Recommended by University Councils

#### Submit proposals to the appropriate university Council(s) at least one month before the meeting in which action is desired.

<table>
<thead>
<tr>
<th>5. Professional Education Council</th>
<th>6. Undergraduate Council</th>
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<td>Date: 12/10/2021</td>
<td>Date:</td>
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### Approved by

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<tr>
<th>8. President of the Provost</th>
<th>9. President of the Provost</th>
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<tr>
<td>Date: 1/14/2021</td>
<td>1/15/2021</td>
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</table>

The Office of the Provost sends all required documentation to the UCA Board of Trustees and the AHECB.

#### 10. Letter of Intent to AHECB (if required)  
#### 11. Notification to or Approval by Board of Trustees (as required)  
#### 12. Notification to or Approval by AHECB (as required)  
#### 13. Recorded in Bulletin by  
#### 14. Office of the Provost  
#### 15. Office of the Registrar

The Registrar returns the signed copy to the Office of the Provost. The Office of the Provost sends a copy to the originating department.
Curriculum and Outcomes Summary

The 15-hour minor in Education for Community Engagement provides a background in educational systems, human development, and equity-minded practices to help those seeking a focus on community engagement and education but not seeking teacher licensure.

Required Courses (15 hours) from the following or approved by department chair:

EDUC 1300 Education as a Profession
EDUC 2330 Topics in Social Justice in Teaching & Learning [LD UCA Core: R]
EDUC 3322 Diverse Learners in Inclusive Settings
MSIT 3310 Learning and Development [UD UCA Core: D, R]
MSIT 4325 Disciplinary Literacy [UD UCA Core: C]

Expected student learning outcomes

1. Candidates will affirm the value of diversity in public school settings.
2. Candidates demonstrate an understanding of factors affecting the education and family involvement of diverse student populations.
3. Candidates understand cultural, affective, and cognitive characteristics of all learners affecting instructional effectiveness.
4. Candidates have knowledge of the conditions associated with exceptionalities typically seen in educational settings.
5. Candidates understand educational services and culturally responsive inclusive teaching to students with diverse learning needs.
VII. NOTIFICATIONS AND DELETIONS

G. Notification: Department Name Change, Chemistry to Chemistry and Biochemistry

The Department of Chemistry in the College of Natural Sciences and Mathematics has proposed to change its name to Department of Chemistry and Biochemistry. The change will better reflect the offerings of the department and is expected to help in student recruiting.

All appropriate university councils and administrators have recommended adoption of this change.

Supporting materials (following pages): LON-1, Name Change of Existing Organizational Unit
LETTER OF NOTIFICATION – 1

NAME CHANGE OF EXISTING ORGANIZATIONAL UNIT

(No change in organizational structure)

1. Proposed effective date
July 1, 2021

2. Current title of organizational unit
Department of Chemistry

3. Proposed title of organizational unit
Department of Chemistry and Biochemistry

4. Department code
0900

5. Reason for proposed action
Departments of Chemistry around the country are changing their names to the Department of Chemistry and Biochemistry. These name changes better reflect the offerings of a modern department and aid in the recruitment of majors. The University of Central Arkansas offers ACS certified degree options in both chemistry and biochemistry, and while the number of students graduating in each track is approximately equal each year, most students identify themselves as biochemistry majors when they join the department. Thus, since the name Department of Chemistry and Biochemistry better reflects the programs offered by the department and the students the department serves, we are requesting approval of the name change.

President/Chancellor Approval Date: 2020-11-13

Board of Trustees Notification Date: 2021-02-19 (next scheduled Board meeting)

Chief Academic Officer: ___________________________ 2020-11-11

[Signature]

[UCA form updated 2020-11-11]
VII. NOTIFICATIONS AND DELETIONS

H. Notification: Department Name Change, Computer Science to Computer Science and Engineering

The Department of Computer Science in the College of Natural Sciences and Mathematics proposes a name change to Department of Computer Science and Engineering. The Department of Computer Science offered only one BS program, Computer Science, until fall 2017, but has added two additional programs since that time: Computer Engineering and Cybersecurity. The proposed name more accurately describes the department than does the current name and is common throughout the U.S. for departments like UCA’s. Benefits of the change, then, include better first-impression recognition by students and others of the nature of the department’s offerings. The change is expected to help in recruiting students.

All appropriate university councils and administrators have recommended adoption of this change.

Supporting materials (following pages): LON-1, Name Change of Existing Organizational Unit
LETTER OF NOTIFICATION – 1

NAME CHANGE OF EXISTING ORGANIZATIONAL UNIT

(No change in organizational structure)

1. **Proposed effective date**
   July 1, 2021

2. **Current title of organizational unit**
   Department of Computer Science

3. **Proposed title of organizational unit**
   Department of Computer Science and Engineering

4. **Department code**
   1020

5. **Reason for proposed action**
   Until Fall 2017, the Department of Computer Science offered only one BS program: Computer Science. Currently, the department offers three BS programs: Computer Science, Computer Engineering, and Cybersecurity. The proposed name is, thus, more inclusive and accurate than the current name and is common throughout the U.S. for departments like UCA’s. Benefits of the change, then, include better first-impression recognition by students and others of the nature of the department’s offerings.

   President/Chancellor Approval Date: 2020-11-13

   Board of Trustees Notification Date: 2021-02-19 (next scheduled Board meeting)

   Chief Academic Officer: [Signature] 2020-11-11

   [UCA form updated 2020-11-11]
VII. NOTIFICATIONS AND DELETIONS

I. Notification: Department Name Change, Management Information Systems to Computer Information Systems and Analytics

The Department of Management Information Systems in the College of Business proposes a name change to Department of Computer Information Systems and Analytics. The change from “management” to “computer” corresponds with recent changes in the department’s programs, emphasizing technical content across upper-division courses. A more technical emphasis is also noted in the business environment today. The majors or programs in this department are technical in nature, including a BS in Information Systems, a BS in Cybersecurity Management, a BBA in Management Information Systems (soon to be renamed Computer Information Systems), and a Graduate Certificate in Data Analytics.

The addition of “Analytics” to the name reflects an increased emphasis on data analytics. The department already has the graduate certificate in Data Analytics as well as a Business Analysis concentration within the BBA in Management Information Systems. In addition, it is proposing a Technical Certificate, BS, and MS in Applied Data Analytics to begin Fall 2021 (see the notification elsewhere in this agenda).

The new name will accurately—and more recognizably—describe the department and its programs to potential students and to the public and will maintain recognition both in industry and academe.

All appropriate university councils and administrators have recommended adoption of the new name.

Supporting materials (following pages): Form LON-1
LETTER OF NOTIFICATION – 1

NAME CHANGE OF EXISTING ORGANIZATIONAL UNIT

(No change in organizational structure)

1. Proposed effective date
   July 1, 2021

2. Current title of organizational unit
   Department of Management Information Systems

3. Proposed title of organizational unit
   Department of Computer Information Systems and Analytics

4. Department code
   1680

5. Reason for proposed action
   This proposal changes the name of the organizational unit from Department of Management Information Systems to Department of Computer Information Systems and Analytics (CISA). This unit is one of the four departments in the College of Business.

   The change from “management” to “computer” corresponds with recent changes in our program emphasizing technical content across our upper-division courses. A more technical emphasis is also noted in the business environment today. Employers in Arkansas are interested in technical graduates, which has been recognized by the Governor of Arkansas in his Computer Science initiatives. All of the majors or programs in this department are technical in nature, including a BS in Information Systems, a BS in Cybersecurity Management, a BBA in Management Information Systems (soon to be renamed Computer Information Systems), a Graduate Certificate in Data Analytics. The addition of “Analytics” in the name change reflects an increased emphasis in data analytics. The department already has the graduate certificate as well as a concentration within the BBA MIS program in analytics. In addition, it is proposing a Technical Certificate, BS, and MS in Applied Data Analytics to begin Fall 2021. The department already teaches all the required courses in analytics, but the addition of the name “analytics” to the name of the department describes it much more accurately.

   An additional consideration is perception. Most high school and college students have not heard of “MIS,” but they know “Computer.” We believe that many more students might choose a STEM major if they knew alternatives to Computer Science. Finally, technology departments within the various Colleges of Business are labeled differently. Some continue to use the name “MIS,” but there is no naming standard common among most departments. UALR’s department, for example, is named Business Information Systems; UA Fayetteville’s is named Information Systems, and Arkansas State’s is named Computer and Information Technology.
In short, the change to Department of Computer Information Systems and Analytics accurately describes the department and its program offerings, is more easily recognizable to potential students, and maintains recognition both in industry and academia.

President/Chancellor Approval Date:  Houston Davis /AW  1/11/21

Board of Trustees Notification Date: 

Chief Academic Officer:  Gabrielle Bruecher  01/06/2021

[UCA form updated 2020-11-11]
VII. NOTIFICATIONS AND DELETIONS

J. Notification: Program Deletion, Bachelor of Science in Athletic Training

The Department of Exercise and Sport Science in the College of Health and Behavioral Science, has requested deletion of its Bachelor of Science (BS) in Athletic Training. National certification requirements, effective in 2022, have raised the qualifying degree for athletic training to the master’s level. In response to this change, UCA’s Master of Science (MS) in Athletic Training was approved in October 2017, effective Summer 2018. No students remain in the BS program.

All appropriate university councils and administrators have recommended approval of this deletion.

Supporting materials (following pages): (1) UCA Curriculum for U3-D, (2) Form LON-5
Undergraduate Program Deletion Form

Department: Exercise and Sport Science  Date: 9/22/2020

Check the type of program to be deleted.
- Degree program
- Certificate program
- Concentration, emphasis, option, or track in a program
- Minor program

Bulletin title of program (brief): B.S. Athletic Training

Complete and attach ADHE form LON-5.

Are any of the prerequisites or requirements of the program to be deleted offered by another department?

If YES, attach a signed letter from each department's chair describing the impact on the department.

<table>
<thead>
<tr>
<th>Recommended by Department and College (action required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Department Curriculum Committee  9/24/2020</td>
</tr>
<tr>
<td>2. Department Chair 9/24/2020</td>
</tr>
<tr>
<td>3. College Curriculum &amp; Assessment Committee 10/9/2020</td>
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<td>4. College Dean 10/13/2020</td>
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<tr>
<th>Recognized by University Councils (information only)</th>
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<tr>
<td>5. Professional Education Council  9/14/2020</td>
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</tbody>
</table>

Submit proposals to the appropriate university council at least one month before the meeting in which action is desired. Summer submissions may not be considered until the fall term.

Approved by


The Office of the Provost sends all required documentation to the Board of Trustees and the AHECB.

10. Notification to Board of Trustees

The Office of the Provost retains the original and sends a copy to the Office of the Registrar for changes in Degree Works.

11. Notification to AHECB

Removed from Bulletin by

Office of the Provost

Ended in Banner by

Office of the Registrar

The Registrar returns the copy, signed, to the Office of the Provost. The Office of the Provost sends a copy to the originating department.
LETTER OF NOTIFICATION – 5

DELETION: DEGREE PROGRAM

1. Proposed effective date
   Upon notification

2. Title of degree program
   BS, Athletic Training

3. CIP code
   51.0913

4. Degree code
   2205

5. Reason for deletion
   Per national certification requirements effective in 2022, the qualifying degree for athletic training is at the master’s level. In response to this change, UCA’s MS in Athletic Training was approved in October 2017, effective Summer 2018.

6. Number of students still enrolled in program
   None

7. Expected graduation date of last student
   N/A

8. Provide curriculum for deleted program/unit

   EXSS Curriculum
   EXSS 1320 Foundations of Wellness
   EXSS 2381 Anatomical Kinesiology
   EXSS 3303 Exercise Physiology
   EXSS 3382 Biomechanics
   EXSS 4230 Fitness Assessment and Exercise Prescription
   EXSS 4320 Measurement and Evaluation in Human Performance
   EXSS 4395 Sport in American Society

   Athletic Training Curriculum
   ATTR 1235 Principles of Strength Training and Conditioning
   ATTR 1350 Introduction to Athletic Training
   ATTR 2255 Emergency Care in Athletic Training
   ATTR 2353 Prevention, Recognition and Care for General Medical Pathology
   ATTR 2356 Athletic Training Practicum
   ATTR 3301 Athletic Training Clinical Experiences I
ATTR 3327 Athletic Training Clinical Experiences II
ATTR 3335 Therapeutic Exercise
ATTR 3345 Therapeutic Modalities
ATTR 3351 Evaluation Techniques for Lower Extremity
ATTR 3354 Evaluation Techniques for Upper Extremity
ATTR 4301 Athletic Training Clinical Experiences III
ATTR 4315 Program Development in Athletic Training
ATTR 4325 Head, Neck and Spine Injury Management
ATTR 4327 Athletic Training Clinical Experiences IV
ATTR 4330 Administration and Management of Athletic Training

Related Requirements (26 hours)
BIOL 2406 Structure and Function of the Human Body I and
BIOL 2407 Structure and Function of the Human Body II and
BIOL 4351 General Pharmacology and CHEM 1402 General Chemistry for Health Sciences or
CHEM 1450 College Chemistry I and H ED 2201 First Aid and
NUTR 1300 Foundations of Nutrition and
NUTR 4315 Sports Nutrition and
PSYC 1300 General Psychology

For students who receive transfer credit for BIOL 2406 with a grade of C or better, the following are the related requirements:

BIOL 2407 Structure and Function of the Human Body II and
BIOL 4351 General Pharmacology and PHYS 1400 Physical Science for General Education or
PHYS 1405 Applied Physics or
PHYS 1410 College Physics or
PHYS 1441 University Physics I or
CHEM 1402 General Chemistry for Health Sciences or
CHEM 1450 College Chemistry I and H ED 2201 First Aid and
NUTR 1300 Foundations of Nutrition and
NUTR 4315 Sports Nutrition and
PSYC 1300 General Psychology

Note: the following courses are designated as professional courses: ATTR 1235, 1350, 2255, 2353, 2356, 3301, 3327, 3335, 3345, 3351, 3354, 4301, 4315, 4325, 4327, 4330, H ED 2201, EXSS 1320, 2381, 3303, 3382, 4230, 4320, 4395; NUTR 1300 and PSYC 1300.

9. Courses (prefix, number, title) to be deleted as a result of this action
ATTR 1235 Principles of Strength Training and Conditioning in Athletic Training
ATTR 1350 Introduction to Athletic Training
ATTR 2255 Emergency Care in Athletic Training
ATTR 2355 Prevention, Recognition, and Care of General Medical Pathology
ATTR 2356 Athletic Training Practicum
ATTR 3301 Athletic Training Clinical Experiences I
ATTR 3327 Athletic Training Clinical Experiences II
ATTR 3335 Therapeutic Exercise
ATTR 3345 Therapeutic Modalities
ATTR 3351 Evaluation Techniques for Lower Extremity
ATTR 3354 Evaluation Techniques for Upper Extremity
ATTR 4301 Athletic Training Clinical Experiences III
ATTR 4315 Program Development in Athletic Training
ATTR 4325 Head, Neck, and Spine Injury Management
ATTR 4327 Athletic Training Clinical Experiences IV
ATTR 4330 Administration and Management of Athletic Training

10. How will students in the deleted program be accommodated? Provide documentation of written notification to students currently enrolled in the program.
N/A

11. Indicate the amount of funds available for reallocation.
Funds have been reallocated to the MS in Athletic Training (see item 5, above)

President/Chancellor Approval date: 2021-01-04
Board of Trustees Notification Date: 2021-02-19 (next scheduled Board meeting)

Chief Academic Officer: ___________________________ Date: 2020-12-18
VIII. NOTIFICATIONS AND DELETIONS

K. Notification: Program Deletions, Criminal Justice Institute Partnership Programs

The University of Central Arkansas became a member of the Criminal Justice Institute (CJI) Higher Education Partnership in 2011, thereby adding the following certificate and degree completion programs to the university’s approved program list:

(1) Crime Scene Investigation (Certificate of Proficiency, Technical Certificate, and Associate of Applied Science)
(2) Law Enforcement Administration (Certificate of Proficiency, Technical Certificate, and Associate of Applied Science)

Because no students have ever enrolled in these programs at UCA, we are taking the necessary steps to remove them from our program inventory.

All appropriate university councils and administrators have recommended approval of these program deletions.

Supporting materials (following pages): (1) UCA Curriculum Form U3-D, (2) Form LON-5 (An attachment mentioned in the latter is not included in this notification.)
Undergraduate Program Deletion Form

Department: College of Business  
Date: 10/15/2020

Check the type of program to be deleted.
- [X] Degree program
- [ ] Certificate program
- [ ] Concentration, emphasis, option, or track in a program
- [ ] Minor program

Bulletin title of program (brief): CP, TC, AAS, Law Enforcement Administration; CP, TC, AAS, Crime Scene Investigation

Complete and attach ADHE form LON-5.

Are any of the prerequisites or requirements of the program to be deleted offered by another department?  
No

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Recommended by Department and College (action required)

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Recognized by University Councils (information only)

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Is this a teacher education program or option?  
No

Submit proposals to the appropriate university Council at least one month before the meeting in which action is desired. Summer submissions may not be considered until the fall term.

Approved by

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The Office of the Provost sends all required documentation to the Board of Trustees and the AHECB.

Notification to Board of Trustees

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The Office of the Provost retains the original and sends a copy to the Office of the Registrar for changes in Degree Works.

Notification to AHECB

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The Registrar returns the copy, signed, to the Office of the Provost. The Office of the Provost sends a copy to the originating department.
LETTER OF NOTIFICATION – 5

DELETION: CERTIFICATE/DEGREE PROGRAM

1. Proposed effective date
   Upon notification

2. Title of degree program
   CP, Crime Scene Investigation
   TC, Crime Scene Investigation
   AAS, Crime Scene Investigation

   CP, Law Enforcement Administration
   TC, Law Enforcement Administration
   AAS, Law Enforcement Administration

3. CIP code
   43.0406 (Crime Scene Investigation)
   43.0103 (Law Enforcement Administration)

4. Degree code
   Crime Scene Investigation:
      0384 (CP)
      0386 (TC)
      0387 (AAS)

   Law Enforcement Administration:
      0388 (CP)
      0389 (TC)
      0391 (AAS)

5. Reason for deletion
   The programs have never enrolled or graduated a student at UCA.

6. Number of students still enrolled in program
   None

7. Expected graduation date of last student
   N/A

8. Provide curriculum for deleted program/unit
   See Attachment 2 for current CJI-published curricula.
9. **Courses (prefix, number, title) to be deleted as a result of this action**

The following courses were created when UCA joined the CJI partnership to allow CJI coursework to transfer to UCA. With the deletion of the CJI programs, these courses are no longer useful to any programs at UCA.

<table>
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<tr>
<th>SUBJ</th>
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SUBJ  CNUM  LONG_TITLE
CJIA  2350  SCHOOL OF LAW ENFORCEMENT SUPERVISION I
CJIA  2351  SCHOOL OF LAW ENFORCEMENT SUPERVISION II
CJIA  2352  SCHOOL OF LAW ENFORCEMENT SUPERVISION III
CJIA  2360  LEGAL ASPECTS OF LAW ENFORCEMENT
CJIA  2365  INTEGRITY IN LAW ENFORCEMENT

10. How will students in the deleted program be accommodated? Provide documentation of written notification to students currently enrolled in the program.
   N/A

11. Indicate the amount of funds available for reallocation.
   No funds are available for reallocation.

12. Provide additional program information if requested by ADHE staff.
   If requested.

President/Chancellor Approval date: ________________________________

Board of Trustees Notification Date: ________________________________

Chief Academic Officer: ___________________________ Date: __________

[UCA form updated 2020-10-14]