

Date Submitted: 10/21/19 2:34 pm

Viewing: **5538 : Data Analytics in**
Accountancy

Last approved: 08/13/19 10:08 am

Last edit: 01/21/20 11:18 am

Changes proposed by: Whitney Smith

[Data Analytics in Accountancy Graduate Concentration](#)Catalog Pages
Using this
Program

In Workflow

1. **U Program Review**
2. **1346 Head**
3. **KM Grad Committee Chair**
4. **KM Committee Chair**
5. **KM Dean**
6. **University Librarian**
7. **Grad_College**
8. **Provost**
9. **Senate EPC**
10. Senate
11. U Senate Conf
12. Board of Trustees
13. IBHE
14. DMI

Approval Path

1. 10/21/19 4:21 pm
Deb Forgacs
(dforgacs):
Approved for U
Program Review
2. 10/21/19 4:51 pm
Brooke Elliott
(wbe): Approved
for 1346 Head
3. 10/25/19 2:45 pm
Jeffrey
Loewenstein
(jloew): Approved
for KM Grad
Committee Chair
4. 11/04/19 5:08 pm
Michael Dyer
(dyer1): Approved
for KM Committee
Chair

5. 11/04/19 6:44 pm
Mark Peecher
(peecher):
Approved for KM
Dean
6. 11/04/19 7:47 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
7. 11/19/19 7:05 pm
Allison McKinney
(agrindly):
Approved for
Grad_College
8. 11/19/19 7:17 pm
Kathy Martensen
(kmartens):
Approved for
Provost
9. 12/13/19 9:51 am
Barbara Lehman
(bjlehman):
Rollback to 1346
Head for Senate
EPC
10. 12/16/19 12:08
pm
Brooke Elliott
(wbe): Approved
for 1346 Head
11. 12/16/19 1:40 pm
Jeffrey
Loewenstein
(jloew): Approved
for KM Grad
Committee Chair
12. 12/16/19 2:34 pm
Michael Dyer
(dyer1): Approved
for KM Committee
Chair
13. 12/16/19 8:26 pm
Mark Peecher
(peecher):

Approved for KM
Dean

14. 12/16/19 8:48 pm
John Wilkin
(jpwilkin):
Approved for
University
Librarian
15. 01/10/20 3:26 pm
Allison McKinney
(agrindly):
Approved for
Grad_College
16. 01/10/20 4:18 pm
Kathy Martensen
(kmartens):
Approved for
Provost

History

1. Aug 13, 2019 by
Deb Forgacs
(dforgacs)

Proposal Type

Proposal Type:

Concentration (ex. Dietetics)

This proposal is

for a:

Revision

Proposal Title:

if this proposal is one piece of a multi-element change please include the other impacted programs here. *example: A BS revision with multiple concentration revisions*

Revision to the Data Analytics Concentration. Revision to the Master of Accounting Science (MAS) degree course requirements. This is one element of a larger proposal from the Department of Accountancy. Other related proposals are: 1) revision to the Taxation Concentration in the Accountancy MAS; 2) revision to the Accountancy MAS; 3) establishment of the Concentration in Accountancy Analytics; and 4) establishment of the Concentration in Financial Reporting & Assurance. migration

EP Control Number	EP.20.50_revision1	
Official Program Name	Data Analytics in Accountancy	
Effective Catalog Term	Fall 2020	
Sponsor College	Gies College of Business	
Sponsor Department	Accountancy	
Sponsor Name	W. Brooke Elliott	
Sponsor Email	wbe@illinois.edu	
College Contact	Mark Peecher	College Contact Email
	peecher@illinois.edu	

Program Description and Justification

Justification for proposal change:

We propose to change the course requirements for the Concentration in Data Analytics in Accountancy. This concentration will continue to require students to take 12 graduate hours of required coursework; however, the options for the required courses in the concentration will change. Currently, students must take ACCY 570 (Data Analytics Foundations for Accountancy), ACCY 571 (Statistical Analyses for Accountancy) and ACCY 575 (Data Analytics Application in Accountancy). We propose to continue to require students take ACCY 570 and ACCY 575, but allow the remaining course be selected from an approved list of courses. The course options at this time includes ACCY 571 as well as newly developed data analytic courses: ACCY 512 (Data Analytics for Management Accounting), ACCY 574 (Risk Management and Innovation), ACCY 550 (Multistate Taxation), ACCY 554 International Taxation), and ACCY 592 (Intro to ACCY Research). ACCY 550 and ACCY 554 have significant stand-alone analytics components that allow them to serve a dual purpose. The courses satisfy the elective requirements in both the Taxation concentration and the Data Analytics concentration.

Is this program interdisciplinary?

No

Corresponding Program(s):

Corresponding Program(s)

Corresponding Program(s)
Accountancy, MAS
Accountancy, MS (on campus & online)

Academic Level Graduate

Additional concentration notes (e.g., estimated enrollment, advising plans, etc.)

CIP Code

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

Enrollment

Describe how this revision will impact enrollment and degrees awarded.

This revision will not impact enrollment or degrees awarded.

Delivery Method

Is this program available on campus and online? **Yes** ~~No~~

This program is available:

On Campus and Online

Describe the use of this delivery method:

This concentration is available on campus and online.

Budget

Are there budgetary implications for this revision? **No**

Will the program or revision require staffing (faculty, advisors, etc.) beyond what is currently available?

No

Additional Budget
Information

Attach File(s)

Resource Implications

Facilities

Will the program require new or additional facilities or significant improvements to already existing facilities?

No

Technology

Will the program need additional technology beyond what is currently available for the unit?

No

Non-Technical Resources

Will the program require additional supplies, services or equipment (non-technical)?

No

Resources

Faculty Resources

Please address the impact on faculty resources including any changes in numbers of faculty, class size, teaching loads, student-faculty ratios, etc. Describe how the unit will support student advising, including job placement and/or admission to advanced studies.

We do not expect there to be any additional impact on faculty resources, class size, teaching loads, or ratios. As the Gies College of Business and the Department of Accountancy continues to develop courses in the analytics space, resources have been shifted through the natural turnover process.

Library Resources

Describe your proposal's impact on the University Library's resources, collections, and services. If necessary please consult with the appropriate disciplinary specialist within the University Library.

There will not be an impact on the University's Library resources.

Instructional Resources

Will there be any reduction in other course offerings, programs or concentrations by your department as a result of this new program/proposed change?

No

Does this new program/proposed change result in the replacement of another program?

No

Does the program include other courses/subjects impacted by the creation/revision of this program?

No

Financial Resources

How does the unit intend to financially support this proposal?

Will the unit need to seek campus or other external resources?

No

Attach letters of support

Program Regulation and Assessment

Briefly describe the plan to assess and improve student learning, including the program's learning objectives; when, how, and where these learning objectives will be assessed; what metrics will be used to signify student's achievement of the stated learning objectives; and the process to ensure assessment results are used to improve student learning. (Describe how the program is aligned with or meets licensure, certification, and/or entitlement requirements, if applicable).

Is the career/profession for graduates of this program regulated by the State of Illinois?

No

Program of Study

"Baccalaureate degree requires at least 120 semester credit hours or 180 quarter credit hours and at least 40 semester credit hours (60 quarter credit hours) in upper division courses" (source: <https://www.ibhe.org/assets/files/PrivateAdminRules2017.pdf>). For proposals for new bachelor's degrees, if this minimum is not explicitly met by specifically-required 300- and/or 400-level courses, please provide information on how the upper-division hours requirement will be satisfied.

All proposals must attach the new or revised version of the Academic Catalog program of study entry. Contact your college office if you have questions.

Revised programs [**Data Analytics in Accountancy Program of Study Comparison.xlsx**](#)

Attach a side-by-side comparison with the existing program AND, if the revision references or adds "chosed-from" lists of courses students can select from to fulfill requirements, a listing of these courses, including the course rubric, number, title, and number of credit hours.

Catalog Page Text

Catalog Page Text: Description of program for the catalog page. This is not official content, it is used to help build the catalog pages for the program. Can be edited in the catalog by the college or department.

Statement for Programs of Study Catalog

Course List

Code	Title	Hours
ACCY 570	Data Analytics Foundations for Accountancy	4
ACCY 575	Data Analytics Applications in Accountancy	4
Choose one (1) from:		4
ACCY 571	Statistical Analyses for Accountancy	
ACCY 512	Data Analytics for Management Accounting	
ACCY 574	Risk Management and Innovation	
ACCY 592	Introduction to Accounting Research	
or both:		
ACCY 550	Multistate Taxation	
ACCY 554	International Taxation	
Total Hours		12

Grad Other Degree Requirements

Requirement Description
Course substitutions may be approved by the Department of Accountancy.
Other requirements may overlap.

EP Documentation

Attach [ep2050_email_to_sponsor_20191213.pdf](#)
 Rollback/Approval
 Notices

DMI Documentation

Attach Final
 Approval Notices

Banner/Codebook
 Name

Program Code: 5538

Minor Code	Conc Code	5538	Degree Code	Major Code
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Senate Approval Date

Senate Conference Approval Date

BOT Approval Date

IBHE Approval Date

Effective Date:

Attached Document

Justification for this request

Program Reviewer Comments

Barbara Lehman (bjlehman) (12/13/19 9:51 am): Rollback: Rolling back per email from Educational Policy to Professor W Brooke Elliott - attached.

Key: 840

Existing

ACCY 570	Data Analytics Foundations for Account	4
ACCY 571	Statistical Analyses for Accountancy	4
ACCY 575	Data Analytics Applications in Accounta	4
Total Hours		12

Proposed

ACCY 570	Data Analytics Foundations for Accountancy	4
ACCY 575	Data Analytics Applications in Accountancy	4
Take one of the following courses:		4
ACCY 512	Data Analytics for Management Accounting	
ACCY 571	Statistical Analyses for Accountancy	
ACCY 574	Risk Management and Innovation	
ACCY 592	Intro to ACCY Research	
or both		
ACCY 550	Multistate Taxation (2hr 8 week class SPRING only)	
ACCY 554	International Taxation (2hr 8 week class SPRING only)	
Total Hours		12

From: [Zilles, Craig](#)
To: [Elliott, W Brooke](#)
Cc: [Lehman, Barbara J](#)
Subject: Re: EP.20.48-51 (Revisions to the Master of Accounting Science)
Date: Thursday, December 12, 2019 5:55:44 PM

Prof. Elliot -

In the review of EP.20.48-51 the committee identified a few small issues that they'd like to see fixed before approval. All of these are small and I anticipate that we can quickly move this forward at our next meeting if they have been resolved in CIM-P.

1. There seems to be a typo in EP.20.48 relating to whether Corporate Governance & International Business is a concentration. In the justification for proposal change it is listed, but in the Statement for Programs of Study Catalog, it is not listed and Financial Reporting & Assurance is listed for both concentrations. (At the meeting this caused confusion, but I think I've now sorted out the cause.)

2. In EP.20.48, the comparison spreadsheet is missing the existing program requirements.

3. In EP.20.50, it seems a little odd that ACCY 550 and ACCY 554 are part of the Data Analytics concentration. I'm guessing that this is due to practical realities of students taking the Taxation concentration needing these courses as a degree option, but some explanation would be useful.

3(a). While you have EP.20.50 open, there is an open paren missing in "CCY 554 International Taxation), " in the "Justification for proposal change".

4. In EP.20.51, the comparison spreadsheet is missing the existing program requirements for the Audit option that this is replacing. Please follow the structure that you used in EP.20.49.

Barb (cc'ed) will roll EP.20.48, 50, and 51 for you. I think we're okay with EP.20.49 as written, but if you want Barb to roll that one back as well, please let her know.

Also, let me know if you have any questions.

— Craig