Yes, we endorse these changes.

---

Hanqi Zhuang, Ph.D.
Professor and Chair
EE 403A
Department of Computer & Electrical Engineering & Computer Science
Florida Atlantic University
Boca Raton, FL 33431
561-297-3413
http://www.ceecs.fau.edu/

---

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Thursday, November 5, 2020 10:37 AM
**To:** Hanqi Zhuang <zhuang@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** RE: Curriculum changes in the undergraduate major in MIS

Apologies. I forgot to eliminate the dagger symbol supposed to indicate the now non-existent track. Please use this attachment

Best Regards:
Tamara
===========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

---

**From:** Tamara Dinev
**Sent:** Thursday, November 5, 2020 10:21 AM
**To:** Hanqi Zhuang <zhuang@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** RE: Curriculum changes in the undergraduate major in MIS

Dear Dr. Zhuang and Dr. Cardei:

ITOM has never obstructed or blocked any of your curriculum initiatives, whenever your department reached to us for approvals. On the contrary: we have always given approvals at the promptest possible times.

We have always been very proud to support your curriculum development, having in mind that our two departments complement (not conflict or overlap) each other, teaching IT to different audiences.

It is my assessment that at this time it is fruitless to go on with frustrating disputes regarding a track name in our MIS program. I am withdrawing my request. I instead submit my request to add the ISM electives that have been in the catalog to the MIS program, per the attachment.

Please let me know if you approve.

Best Regards:
Tamara
=============================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

---

**From:** Hanqi Zhuang <zhuang@fau.edu>
**Sent:** Thursday, November 5, 2020 9:52 AM
**To:** Tamara Dinev <tdinev@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** Re: Curriculum changes in the undergraduate major in MIS

Dear Tamara,

I understand your point of view.

Our faculty voiced some concerns about the title "Business Software Development." There is not significant difference between developing a business software and, say non-business software. Therefore, the noun-adjective "Business" is not as significant. The term "Software Development" as a program or a track is where the concern comes from.

Is there any creative way to avoid the use of "Software Development" in your track name?

Thanks,

Hanqi

---

Hanqi Zhuang, Ph.D.
Professor and Chair

EE 403A
Department of Computer & Electrical Engineering & Computer Science
Florida Atlantic University
Boca Raton, FL 33431
561-297-3413
http://www.ceecs.fau.edu/

---

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Thursday, November 5, 2020 9:44 AM
**To:** Hanqi Zhuang <zhuang@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** RE: Curriculum changes in the undergraduate major in MIS

Hi Hanqi:

The title "Business Software" as a term is incomplete. It begs for continuation with an action-related noun to clarify what will students learn in this track: "Business software" what? Packages? Products? Purchase? Use? Installation? Update? Development? Social issues?

The title as you propose is not clear.

Given the course titles and descriptions, the most appropriate choice is "Business Software Development" to emphasize that students will learn about software *development* from management and business perspective.

Best Regards:
Tamara
==========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

---

**From:** Hanqi Zhuang <zhuang@fau.edu>
**Sent:** Thursday, November 5, 2020 9:13 AM
**To:** Tamara Dinev <tdinev@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** Re: Curriculum changes in the undergraduate major in MIS

How about "Business Software," which is more general?

---

Hanqi Zhuang, Ph.D.
Professor and Chair
EE 403A
Department of Computer & Electrical Engineering & Computer Science

Florida Atlantic University
Boca Raton, FL 33431
561-297-3413
http://www.ceecs.fau.edu/

---

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Thursday, November 5, 2020 9:11 AM
**To:** Hanqi Zhuang <zhuang@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** RE: Curriculum changes in the undergraduate major in MIS

Hi Hanqi:

Thank you for getting back to me.

It would not be appropriate to name the track "Business Software systems" since only one course in this track addresses "systems" (ISM 4243). Two courses address "Software development" concepts (ISM 3230 and ISM 4234). So the best umbrella term would be Business Software development. This track prepares MIS students to lead software development teams in the industry and be able to effectively communicate with software developers and manage software development projects.

Please let me know if you approve.

Best Regards:
Tamara
===========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

---

**From:** Hanqi Zhuang <zhuang@fau.edu>
**Sent:** Thursday, November 5, 2020 8:35 AM
**To:** Tamara Dinev <tdinev@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** Re: Curriculum changes in the undergraduate major in MIS

Dear Tamara,

The CEECS department in general supports the new track. One suggestion is about the title of the track. Would it be appropriate to use the name of the track as "Business Software Systems?"

Many thanks,

Hanqi

---

Hanqi Zhuang, Ph.D.
Professor and Chair
EE 403A
Department of Computer & Electrical Engineering & Computer Science
Florida Atlantic University
Boca Raton, FL 33431
561-297-3413
http://www.ceecs.fau.edu/

---

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Thursday, November 5, 2020 7:01 AM
**To:** Hanqi Zhuang <zhuang@fau.edu>
**Cc:** Mihaela Cardei <mcardei@fau.edu>
**Subject:** RE: Curriculum changes in the undergraduate major in MIS

Hello Hanqi:

Do you have any feedback regarding my request below?

I will be thankful if you let me know

Best Regards:
Tamara
============================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

---

**From:** Hanqi Zhuang <zhuang@fau.edu>
**Sent:** Monday, November 2, 2020 10:04 AM
**To:** Tamara Dinev <tdinev@fau.edu>
**Subject:** Re: Curriculum changes in the undergraduate major in MIS

Dear Tamara,

Thank you for sending the program to use for a review. We will get back to you soon.

Stay healthy.

Hanqi

Hanqi Zhuang, Ph.D.
Professor and Chair
EE 403A
Department of Computer & Electrical Engineering & Computer Science
Florida Atlantic University
Boca Raton, FL 33431
561-297-3413
http://www.ceecs.fau.edu/

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Monday, November 2, 2020 9:56 AM
**To:** Hanqi Zhuang <zhuang@fau.edu>
**Subject:** Curriculum changes in the undergraduate major in MIS

Dear Dr. Zhuang:

ITOM is planning to propose some curriculum changes in it MIS major, see attached. The main change is to re-introduce "Business Software Development" track that we eliminated back in 2006-2007. For this purpose, we are grouping 4 courses that are in the catalog and that have been in in high demand the last couple of years.

We also add the new courses - Business Concepts of Digital Transformation and Artificial Intelligence ISM 4421, for which I already obtained your approval.
I will appreciate if you let me know if you have any objections or concerns.

Best Regards:
Tamara
===========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

**From:** Hanqi Zhuang <zhuang@fau.edu>
**Sent:** Sunday, October 11, 2020 6:45 PM
**To:** Tamara Dinev <tdinev@fau.edu>; Mihaela Cardei <mcardei@fau.edu>
**Subject:** Re: Minor-Certificate - Interdisciplinary Applications AI

Dear Tamara,

We will go over this and get back to you soon.

Have a wonderful weekend ahead!

Hanqi

Hanqi Zhuang, Ph.D.
Professor and Interim Chair
Department of Computer & Electrical Engineering & Computer Science
Florida Atlantic University
Boca Raton, FL 33431
561-297-3413

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Sunday, October 11, 2020 4:21 PM
**To:** Mihaela Cardei <mcardei@fau.edu>; Hanqi Zhuang <zhuang@fau.edu>
**Subject:** Minor-Certificate - Interdisciplinary Applications AI

Dear Hanqi, Mihaela;

Thank you very much for agreeing for colleges to move forward with this important interdisciplinary program.

Following the discussion at Ed's committee, I attach the current version, only with the ITOM part. Mihaela indicated that you will re-work your part. Although it is written now up-front 12 credits, if we find that other colleges need 15 credits, we can reposition the number of credit requirement in the individual college sections.

Please add your part and let me know of any edits at any part of the document. Once you are ready, I will email the document to the committee at large and ask them to work on it by the end of this semester.
As we discussed, we will start the approval process next semester, with whichever college was ready by then. At ay time later, any college can add their part.

Thank you again!

Best Regards:
Tamara
===========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

Happy New Year to all of you!

Tamara, thank you for following up on the interdisciplinary certificate. Engineering/CS supports the newly proposed title for ISM 4421 and the proposed draft certificate.

Best regards,
Mihaela

---

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Monday, January 11, 2021 5:21 PM
**To:** Mihaela Cardei <mcardei@fau.edu>; Edward Pratt <EPRATT2@fau.edu>; Kathy Czaja <KCZAJA@fau.edu>; Robert Stackman <rstackma@fau.edu>; Paul Peluso <ppeluso@fau.edu>; William Kalies <WKALIES@fau.edu>; Justin Perry <justinperry@fau.edu>; William Trapani <wtrapan1@fau.edu>
**Subject:** RE: Meeting #2 to discuss AI and Data Analytics

Dear committee members:

Happy New Year! Let's wish ourselves a healthier, smoother, and happier 2021.

I am coming back to you inviting you to submit your college's module so I can finalize it and prepare for approvals by January 30. I would like for us to start the approval processes in the first week of February.

I attach the most recent version of the minor (thank you, Mihaela!). I added two newly developed Business courses( in red font) to the electives.

Also, regarding the title of the new proposed AI course in Business ISM 4421: Early in Fall we discussed with Dr. Cardei and the Chair of CEECS about the best title of the course. We agreed on "Business Concepts of Digital Transformation and Artificial Intelligence". However, we are experiencing problems with the schedule, since Banner has a 30-character limit on titles for the schedule. Thus, the key identifier of this course – "Artificial Intelligence" can never make it to appear on the schedule.
Thus, we need to change the course title and make it in synch with content specific courses, such as "Artificial Intelligence for Social Good". Thus, the newly proposed title is ISM 4421 - Artificial Intelligence and Digital Transformation for Business, see syllabus attached.

Please let me know if you support this new course.

Thank you and looking forward to hearing from you

Best Regards:
Tamara
===========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

---

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Thursday, October 22, 2020 8:42 AM
**To:** Edward Pratt <EPRATT2@fau.edu>; Kathy Czaja <KCZAJA@fau.edu>; Robert Stackman <rstackma@fau.edu>; Paul Peluso <ppeluso@fau.edu>; Mihaela Cardei <mcardei@fau.edu>; William Kalies <WKALIES@fau.edu>; Justin Perry <justinperry@fau.edu>; William Trapani <wtrapan1@fau.edu>
**Subject:** RE: Meeting #2 to discuss AI and Data Analytics

Dear committee members:

Per our second meeting, I volunteered to coordinate the creation of the minor. Attached please find the current draft of the Minor-certificate in Interdisciplinary AI. Business and Engineering have collaborated in creating the document.
Please feel free to add your part according to the proposed template.

If you have any suggestion for (re)wording or editing, or changing the template, please let me know. I would also appreciate if you also let me know if you ***do not*** plan to add your college module before we go for approvals starting January. In this way, I will not chase to receive your modules.

In any case, as we agreed, we plan to start the approvals at the beginning of the next semester.

Thank you all!

Best Regards:
Tamara
===========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

**Sent:** Wednesday, October 7, 2020 7:52 AM
**To:** Tamara Dinev <tdinev@fau.edu>; Kathy Czaja <KCZAJA@fau.edu>; Robert Stackman <rstackma@fau.edu>; Paul Peluso <ppeluso@fau.edu>; Mihaela Cardei <mcardei@fau.edu>; William Kalies <WKALIES@fau.edu>; Justin Perry <justinperry@fau.edu>; William Trapani <wtrapan1@fau.edu>
**Subject:** RE: Meeting #2 to discuss AI and Data Analytics

Great, thanks.

Edward E. Pratt
Dean of Undergraduate Studies
Florida Atlantic University
777 Glades Road, SU 216
Boca Raton, FL 33431
(o) 561-297-1171
(f) 561-297-4222

**From:** Tamara Dinev <tdinev@fau.edu>
**Sent:** Wednesday, October 7, 2020 7:51 AM
**To:** Kathy Czaja <KCZAJA@fau.edu>; Robert Stackman <rstackma@fau.edu>; Paul Peluso <ppeluso@fau.edu>; Mihaela Cardei <mcardei@fau.edu>; William Kalies <WKALIES@fau.edu>; Justin Perry <justinperry@fau.edu>; William Trapani <wtrapan1@fau.edu>
**Cc:** Edward Pratt <EPRATT2@fau.edu>
**Subject:** RE: Meeting #2 to discuss AI and Data Analytics

Dear team:

I discussed with Mihaela a couple of days ago, and she indicated that Engineering agrees with the proposed by Business format for the interdisciplinary minor/certificate in "Applications of AI". Please find attached the proposed format. I will discuss it during our meeting.

Best Regards:
Tamara
===========================
Tamara Dinev, Ph.D., Department Chair and Professor
Dean's Distinguished Research Fellow
Department of Information Technology and Operations Management, FL 219
College of Business, Florida Atlantic University
Boca Raton, Florida 33431
tel. (561) 297-3181, email: tdinev@fau.edu
Google Scholar: https://scholar.google.com/citations?user=YH8QZ-YAAAAJ&hl=en

**From:** Kathy Czaja <KCZAJA@fau.edu>

**Sent:** Monday, October 5, 2020 8:26 AM
**To:** Robert Stackman <rstackma@fau.edu>; Paul Peluso <ppeluso@fau.edu>; Mihaela Cardei <mcardei@fau.edu>; William Kalies <WKALIES@fau.edu>; Tamara Dinev <tdinev@fau.edu>; Justin Perry <justinperry@fau.edu>; William Trapani <wtrapan1@fau.edu>
**Cc:** Edward Pratt <EPRATT2@fau.edu>
**Subject:** FW: Meeting #2 to discuss AI and Data Analytics
**Importance:** High

Good Morning,

Thank you for your prompt replies. The meeting is set for this Wednesday, 10/7, from 8-9 am. A calendar invitation and TEAMS link has been forwarded through Outlook on behalf of Dean Pratt. I have also included it below for your convenience.

## Join Microsoft Teams Meeting

Learn more about Teams | Meeting options

_____


Kind Regards,



*Kathy Czaja*
Assistant to the Dean
Office of Undergradute Studies
561.297.0567




_____

**From:** Kathy Czaja
**Sent:** Friday, October 2, 2020 10:41 AM
**To:** Robert Stackman <rstackma@fau.edu>; Paul Peluso <ppeluso@fau.edu>; Mihaela Cardei <mcardei@fau.edu>; William Kalies <WKALIES@fau.edu>; Tamara Dinev <tdinev@fau.edu>; Justin Perry <justinperry@fau.edu>; William Trapani <wtrapan1@fau.edu>
**Subject:** FW: Meeting #2 to discuss AI and Data Analytics TIME SENSITIVE
**Importance:** High

Good Morning Everyone,

I am setting up the meeting for next week on behalf of Dean Pratt and Dean Stackman. According to the scheduling assistant the times below should work. Just like the last time, please respond to me at your **very** earliest convenience and highlight below confirming your available times.  I will then send the meeting link as soon as possible.

| | | | | | |
|------|-----|-------|------|-----|-----|
| 10/7 | 8-9 | 12-1 | | | |
| 10/8 | 8-9 | 9-10 | 3-4 | 4-5 | |
| 10/9 | 8-9 | 11-12 | 12-1 | 1-2 | 4-5 |

Thank you in advance for your quick replies!

*Kathy Czaja*
Assistant to the Dean
Office of Undergradute Studies
561.297.0567



---

**From:** Edward Pratt <EPRATT2@fau.edu>
**Sent:** Friday, October 2, 2020 9:51 AM
**To:** Mihaela Cardei <mcardei@fau.edu>; Robert Stackman <rstackma@fau.edu>
**Cc:** Kathy Czaja <KCZAJA@fau.edu>
**Subject:** RE: Meeting to discuss AI and Data Analytics TIME SENSITIVE

I will ask Kathy to set up a meeting for next week.

Ed

Edward E. Pratt
Dean of Undergraduate Studies
Florida Atlantic University
777 Glades Road, SU 216
Boca Raton, FL 33431
(o) 561-297-1171
(f) 561-297-4222

---

**From:** Mihaela Cardei <mcardei@fau.edu>
**Sent:** Friday, October 2, 2020 9:37 AM
**To:** Robert Stackman <rstackma@fau.edu>; Edward Pratt <EPRATT2@fau.edu>

**Subject:** RE: Meeting to discuss AI and Data Analytics TIME SENSITIVE


Hello Dr Pratt and Dr Stackman,

I am following up on the meeting earlier this week. Could you please ask Kathy to run some time slots for the meeting next week?
Monday and Tuesday are very busy next week. If she can send some time slots for Wednesday/Thursday/Friday would be great.

thank you,
Mihaela Cardei