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## Engineering Support for: Certificate in Smart Cities and IOT

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**From** Hari Kalva <hkalva@fau.edu>

**Date** Wed 11/13/2024 7:40 PM

**To** Donna Chamely-Wiik <dchamely@fau.edu>

**Cc** Jason Hallstrom <jhallstrom@fau.edu>; Yufei Tang <tangy@fau.edu>; Jinwoo Jang <jangj@fau.edu>; Diana Mitsova <dmitsova@fau.edu>

Hi Donna, this has been approved by the Dept as well as the College committees.

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Hari Kalva, Ph.D.  
eecs.fau.edu

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**From:** Donna Chamely-Wiik <dchamely@fau.edu>

**Sent:** Wednesday, November 13, 2024 4:43 PM

**To:** Hari Kalva <hkalva@fau.edu>

**Cc:** Jason Hallstrom <jhallstrom@fau.edu>; Yufei Tang <tangy@fau.edu>; Jinwoo Jang <jangj@fau.edu>; Diana Mitsova <dmitsova@fau.edu>

**Subject:** Re: Certificate in Smart Cities and IOT - review and approvals.

Dear Hari,

A quick follow-up to this to see if you were able to route this through your Department and whether the faculty had any suggestions or questions related to this new Certificate. We work towards getting approval/endorsement from the Departments including yours, prior to sending it to the College Curriculum Committee and the Dean.

Please let me know if any of us can assist in moving this forward to garner the support/endorsements needed.

Best,

Donna

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

Associate Scientist, Department of Chemistry and Biochemistry

Florida Atlantic University

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Boca Raton, FL 33431

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Phone: 561-297-1019

Fax: 561-297-2759

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**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Sent:** Friday, November 1, 2024 10:19 AM

**To:** Hari Kalva <[hkalva@fau.edu](mailto:hkalva@fau.edu)>

**Cc:** Jason Hallstrom <[jhallstrom@fau.edu](mailto:jhallstrom@fau.edu)>; Yufei Tang <[tangy@fau.edu](mailto:tangy@fau.edu)>; Jinwoo Jang <[jangj@fau.edu](mailto:jangj@fau.edu)>; Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>

**Subject:** Certificate in Smart Cities and IOT - review and approvals.

Hari,  
Happy Friday.

We are working on a proposal for a new 12-credit Undergraduate Certificate in Smart Cities and IoT, related to the NSF Engineering Research Center grant we are involved in. Its an exciting initiative, that we are hoping to be a a collaboration between Engineering (CEGE and CEECS) and Science (URP). We are looking for feedback on this from your perspectives, (proposal and timeline below), as well as next steps of Department and College approvals from your College Curriculum Committees, as we solicit feedback for submission to the first meeting of UUPC in January 2025.

Attached is the latest draft of the Certificate as well as the New Program form for your consideration and feedback.

In terms of next steps, here is the order of approvals we had in mind.

1. Develop proposal - Jason/Jinwoo/Yufei/Donna - accomplished
2. Feedback from D. Meeroff - accomplished
3. Share with Diana Mitsova for recommended URP course inclusions - 11/1/24
4. Share with Evangelos Kaisar for endorsement/recommendations -11/1/24
5. Share with Hari Kalva - for endorsement/recommendations -11/1/24
6. Get approval from CEGE faculty and URP faculty - **Deadline Nov 8<sup>th</sup>**
7. Share with Yalan Liu (UUPC Rep from Engineering) to solicit ENG College Curriculum Committee approvals - **Nov 8<sup>th</sup> - Nov 13<sup>th</sup>**
8. Get College of Engineering and Computer Science approvals - **Nov 14- 20<sup>th</sup>**
9. Share with Korey Sorge (UUPC rep from Science) to solicit SCI College Curriculum Committee approvals - **Nov 21- before end of semester. (thansgiving falls here as well )**
10. Pursue with submission to UUPC - **Send to UUPC January 6th for the January 16<sup>th</sup> 2025,**

Since the timing is of course always a challenge, we decided to share it with all of you at the same time, to springboard discussions and hopefully approvals. Please reach out with suggestions to the proposal as well as the timeline, since you all know when your Department and College Curriculum Committees meet, and whether they would be willing to review via email etc.

Grateful for your guidance and feedback as always,

Thanks from us  
Jason, Jinwoo, Diana, Yufei, and Donna.

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

Associate Scientist, Department of Chemistry and Biochemistry

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**Science support for:** Certificate in Smart Cities and IOT

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**From** Korey Sorge <[ksorge@fau.edu](mailto:ksorge@fau.edu)>

**Date** Thu 12/12/2024 12:22 PM

**To** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

I was reading this as a joint proposal and was assuming that there would be a signature chain from both colleges. On looking at it further, I guess this is a proposal from Engineering only. That means there's no need for the signature chain from Science.

You can use this message as a note of support.

Good luck!

Korey

--

Korey D Sorge

Scientist

Florida Atlantic University

Department of Physics

777 Glades Rd

Boca Raton, FL 33431

[ksorge@fau.edu](mailto:ksorge@fau.edu)

<https://fau.webex.com/meet/ksorge>

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**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Sent:** Thursday, December 12, 2024 12:15 PM

**To:** Korey Sorge <[ksorge@fau.edu](mailto:ksorge@fau.edu)>

**Subject:** Re: College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Can I use this email as the OK from Science you think??

just crossing my T's

D

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

Associate Scientist, Department of Chemistry and Biochemistry

Florida Atlantic University

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Boca Raton, FL 33431

Email: [Dchamely@fau.edu](mailto:Dchamely@fau.edu)

Phone: 561-297-1019

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**From:** Korey Sorge <[ksorge@fau.edu](mailto:ksorge@fau.edu)>  
**Sent:** Thursday, December 12, 2024 12:13 PM  
**To:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>  
**Subject:** Re: College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Hi Donna...

Like I said in a prior email, it's been up for review for a while now with no comment. It's a very good proposal and has all the right boxes checked to do well. This will be on the next agenda for UUPC meeting (Jan 27, I believe).

Thanks for prompting me about it though and hope you get a chance to rest a bit for the holidays.

Cheers!

Korey

--

Korey D Sorge  
Scientist  
Florida Atlantic University  
Department of Physics  
777 Glades Rd  
Boca Raton, FL 33431  
[ksorge@fau.edu](mailto:ksorge@fau.edu)  
<https://fau.webex.com/meet/ksorge>

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**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>  
**Sent:** Wednesday, December 11, 2024 3:55 PM  
**To:** Korey Sorge <[ksorge@fau.edu](mailto:ksorge@fau.edu)>  
**Subject:** Re: College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Korey  
trying to wrap this up.  
Do we have Science's support for this proposal??  
Let me know if the committee had any questions or concerns.  
We hope to have this on the first agenda day of UUPC in Jan

Donna

Donna Chamely-Wiik, Ph.D.  
Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies  
Associate Scientist, Department of Chemistry and Biochemistry

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**From:** Donna Chamely-Wiik <dchamely@fau.edu>

**Sent:** Tuesday, November 26, 2024 10:49 AM

**To:** Korey Sorge <ksorge@fau.edu>

**Cc:** Yalan Liu <yalanliu@fau.edu>; Jinwoo Jang <jangj@fau.edu>; Jason Hallstrom <jhallstrom@fau.edu>; Maria Jennings <mjenning@fau.edu>

**Subject:** Fw: College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Korey,

To close the loop with signed forms and final drafts - Find the new program form and the final Certificate for routing for endorsement from the College of Science

I have also attached the endorsement from Urban and Regional Planning, and Ocean and Mechanical Engineering.

We made our timeline :) wohooo

1. Develop proposal - Jason/Jinwoo/Yufei/Donna - accomplished
2. Feedback from D. Meeroff - accomplished
3. Share with Diana Mitsova for recommended URP course inclusions - 11/1/24
4. Share with Evangelos Kaisar for endorsement/recommendations -11/1/24
5. Get approval from CEGE faculty, OME Faculty and URP faculty - Deadline Nov 8th
6. Share with Yalan Liu (UUPC Rep from Engineering) to solicit ENG College Curriculum Committee approvals - Nov 8th - Nov 13th
7. Get College of Engineering and Computer Science approvals - Nov 14- 20th
8. Share with Korey Sorge (UUPC rep from Science) to solicit SCI College Curriculum Committee approvals - **Nov 21- before end of semester. (thansgiving falls here as well )**
9. Submit to UUPC - **Send to UUPC January 6th for the January 16th 2025,**

It is formally coming from Civil Engineering for submission. We plan to put this on the agenda of UUPC for the Jan 2025 meeting.

Let me know if you need anything further from me. I don't think Valery needs to sign, since there is only one College Dean's signature, so I believe an endorsement letter from you on behalf of the college in addition to Diana's email should be OK. Let me know if I am mistaken.

Ccing Maria to keep her in the loop.

Hope this helps,

Donna

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

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**From:** Fred Bloetscher <fbloetsc@fau.edu>

**Sent:** Tuesday, November 26, 2024 10:31 AM

**To:** Donna Chamely-Wiik <dchamely@fau.edu>; Maria Jennings <mjenning@fau.edu>

**Cc:** Yalan Liu <yalanliu@fau.edu>; Jinwoo Jang <jangj@fau.edu>

**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Hi Donna

Here you go!!

Signed. Thanks!

Fred

Fred Bloetscher, Ph.D., P.E.

Professor and Associate Dean for Undergraduate Studies and Community Outreach

Florida Atlantic University

777 Glades Rd. Bldg 96 308M

Boca Raton, FL 33431

239-250-2423 cell

---

**From:** Donna Chamely-Wiik <dchamely@fau.edu>

**Sent:** Tuesday, November 26, 2024 9:10 AM

**To:** Fred Bloetscher <fbloetsc@fau.edu>

**Cc:** Yalan Liu <yalanliu@fau.edu>; Jinwoo Jang <jangj@fau.edu>

**Subject:** Fw: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Fred

Please sign on behalf of the Dean.

Trying to get this routed to Science after Engineering Approvals.

Donna

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

Associate Scientist, Department of Chemistry and Biochemistry

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**From:** Yalan Liu <yalanliu@fau.edu>

**Sent:** Thursday, November 21, 2024 4:54 PM

**To:** Donna Chamely-Wiik <dchamely@fau.edu>; Korey Sorge <ksorge@fau.edu>

**Cc:** Jason Hallstrom <jhallstrom@fau.edu>

**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Sounds good! I am still waiting for Dr.Bloetscher's signature. He will remind him to sign it soon, but here is what we have at the moment. I have submitted this to Maria already.

Yalan

---

**From:** Donna Chamely-Wiik <dchamely@fau.edu>

**Sent:** Thursday, November 21, 2024 1:16 PM

**To:** Yalan Liu <yalanliu@fau.edu>; Korey Sorge <ksorge@fau.edu>

**Cc:** Jason Hallstrom <jhallstrom@fau.edu>

**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

If you send the form with the Engineering signatures to Korey -he can send it to the College of Science curriculum committee, and then secure signatures from Science.

TEAM WORK :) :) grateful for you all.

Hope this helps

Donna

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

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**From:** Yalan Liu <yalanliu@fau.edu>

**Sent:** Thursday, November 21, 2024 1:14 PM

**To:** Donna Chamely-Wiik <dchamely@fau.edu>; Korey Sorge <ksorge@fau.edu>



**Cc:** Jason Hallstrom <jhallstrom@fau.edu>

**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Yes Donna! I have secured the signatures from the College of Engineering UPC, I am not sure about the College of Science.

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**From:** Donna Chamely-Wiik <dchamely@fau.edu>

**Sent:** Thursday, November 21, 2024 1:13 PM

**To:** Korey Sorge <ksorge@fau.edu>; Yalan Liu <yalanliu@fau.edu>

**Cc:** Jason Hallstrom <jhallstrom@fau.edu>

**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Korey, I read Yalan's email below specific to the new course Fred was proposing. Suggesting it would go to UUPC (just the course, not the Certificate).

I think they are still getting signatures from Engineering before we route it to Science.

Yalan - is this correct?

Donna

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

Associate Scientist, Department of Chemistry and Biochemistry

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**From:** Korey Sorge <ksorge@fau.edu>

**Sent:** Thursday, November 21, 2024 1:10 PM

**To:** Yalan Liu <yalanliu@fau.edu>; Donna Chamely-Wiik <dchamely@fau.edu>

**Cc:** Jason Hallstrom <jhallstrom@fau.edu>

**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Hi Yalan...

While I don't think this is a bad proposal, it did not seriously go through the College of Science committee because there was never a signed form. Because of that, it really didn't get serious consideration in the college committee and so doesn't have a signature from our committee or our dean.

Is URP not a part of this anymore? I am sure if they are that signatures from the College of Science would be needed for UUPC.

Please let me know when you get a chance.

Korey

--

Korey D Sorge  
Scientist  
Florida Atlantic University  
Department of Physics  
777 Glades Rd  
Boca Raton, FL 33431  
[ksorge@fau.edu](mailto:ksorge@fau.edu)  
<https://fau.webex.com/meet/ksorge>

---

**From:** Yalan Liu <yalanliu@fau.edu>  
**Sent:** Thursday, November 21, 2024 11:11 AM  
**To:** Donna Chamely-Wiik <dchamely@fau.edu>; Korey Sorge <ksorge@fau.edu>  
**Cc:** Jason Hallstrom <jhallstrom@fau.edu>  
**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Donna,

The course number for Introduction to Infrastructure Management is CGN4612, I have updated the form and will submit it to Maria today.

Yalan

---

**From:** Donna Chamely-Wiik <dchamely@fau.edu>  
**Sent:** Monday, November 18, 2024 12:06 PM  
**To:** Yalan Liu <yalanliu@fau.edu>; Korey Sorge <ksorge@fau.edu>  
**Cc:** Jason Hallstrom <jhallstrom@fau.edu>  
**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Yes

find attached.

The only outstanding thing is the course Fred proposed that will be added in. I don't know when he is planning to propose that course.

We may eliminate it.

Ccing Korey who is UUPC rep for Science, so he has the latest draft (edits made Korey after our discussions Friday)

Donna

Donna Chamely-Wiik, Ph.D.  
Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies  
Associate Scientist, Department of Chemistry and Biochemistry

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**From:** Yalan Liu <yalanliu@fau.edu>  
**Sent:** Monday, November 18, 2024 12:01 PM  
**To:** Donna Chamely-Wiik <dchamely@fau.edu>  
**Cc:** Jason Hallstrom <jhallstrom@fau.edu>  
**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Donna,

I have the certificate proposal document dated 11/4 that outlines the certificate requirements. Has there been an update to this document? I recall from our last meeting that the UPC from our department suggested including some additional courses in the certificate program. Is there a revised version?

Yalan

---

**From:** Donna Chamely-Wiik <dchamely@fau.edu>  
**Sent:** Monday, November 18, 2024 10:30 AM  
**To:** Yalan Liu <yalanliu@fau.edu>  
**Cc:** Jason Hallstrom <jhallstrom@fau.edu>  
**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Unfortunately, I have a 1 meeting, apologies.  
If you can present, I would be most grateful  
Thanks so much Yalan.

Donna

Donna Chamely-Wiik, Ph.D.  
Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies  
Associate Scientist, Department of Chemistry and Biochemistry

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Email: [Dchamely@fau.edu](mailto:Dchamely@fau.edu)  
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**From:** Yalan Liu <yalanliu@fau.edu>  
**Sent:** Monday, November 18, 2024 10:29 AM  
**To:** Donna Chamely-Wiik <dchamely@fau.edu>  
**Cc:** Jason Hallstrom <jhallstrom@fau.edu>  
**Subject:** Re: Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Donna,

The college UPC is today at 1pm, it is on the agenda. You are welcome to join the meeting if you have time, but I could also present it to the committees.

---

**From:** Donna Chamely-Wiik <dchamely@fau.edu>  
**Sent:** Monday, November 18, 2024 10:16 AM  
**To:** Yalan Liu <yalanliu@fau.edu>  
**Cc:** Jason Hallstrom <jhallstrom@fau.edu>  
**Subject:** Question - College approval Re: Certificate in Smart Cities and IOT - review and approvals.

Yalan

Since you are UUPC rep for Engineering - it also has to go to the College committee in Engineering after we get Evangelo's signature. How can we get that on their agenda or has that happened already? Hari Kalva mentioned that it had already received college approval. I wanted to make sure we covered all bases before Science signs off.

Thanks Yalan  
Donna

Donna Chamely-Wiik, Ph.D.  
Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies  
Associate Scientist, Department of Chemistry and Biochemistry

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Email: [Dchamely@fau.edu](mailto:Dchamely@fau.edu)  
Phone: 561-297-1019  
Fax: 561-297-2759

---

**From:** Yalan Liu <yalanliu@fau.edu>

**Sent:** Sunday, November 17, 2024 11:08 PM

**To:** Donna Chamely-Wiik <dchamely@fau.edu>

**Cc:** Jason Hallstrom <jhallstrom@fau.edu>

**Subject:** Re: Certificate in Smart Cities and IOT - review and approvals.

Hi Donna,

I wanted to update you that our departmental UPC met recently and we've got a thumbs-up for the Certificate! I'm now working on getting Dr. Kaisar's signature, and I'll send it over as soon as it's ready.

Yalan

---

**From:** Donna Chamely-Wiik <dchamely@fau.edu>

**Sent:** Friday, November 1, 2024 10:10 AM

**To:** Korey Sorge <ksorge@fau.edu>; Fred Bloetscher <fbloetsc@fau.edu>; Yalan Liu <yalanliu@fau.edu>; Evangelos Kaisar <ekaisar@fau.edu>

**Cc:** Jason Hallstrom <jhallstrom@fau.edu>; Jinwoo Jang <jangj@fau.edu>; Dan Meeroff <dmeeroff@fau.edu>; Diana Mitsova <dmitsova@fau.edu>

**Subject:** Certificate in Smart Cities and IOT - review and approvals.

Dear Evangelos, Fred, Yalan and Korey,

We are working on a proposal for a new 12-credit Undergraduate Certificate in Smart Cities and IoT, related to the NSF Engineering Research Center grant we are involved in. Its an exciting initiative, that we are hoping to be a collaboration between Engineering (CEGE and CEECS) and Science (URP). We are looking for feedback on this from your perspectives, (proposal and timeline below), as well as next steps of Department and College approvals from your College Curriculum Committees, as we solicit feedback for submission to the first meeting of UUPC in January 2025.

Attached is the latest draft of the Certificate as well as the New Program form for your consideration and feedback.

In terms of next steps, here is the order of approvals we had in mind.

1. Develop proposal - Jason/Jinwoo/Yufei/Donna - accomplished
2. Feedback from D. Meeroff - accomplished
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4. Share with Evangelos Kaisar for endorsement/recommendations -11/1/24
5. Get approval from CEEG faculty and URP faculty - **Deadline Nov 8<sup>th</sup>**
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7. Get College of Engineering and Computer Science approvals - **Nov 14- 20<sup>th</sup>**
8. Share with Korey Sorge (UUPC rep from Science) to solicit SCI College Curriculum Committee approvals - **Nov 21- before end of semester.**  
**(thansgiving falls here as well )**

9. Pursue with submission to UUPC - **Send to UUPC January 6th for the January 16<sup>th</sup> 2025,**

Since the timing is of course always a challenge, we decided to share it with all of you at the same time, to springboard discussions and hopefully approvals.

Please reach out with suggestions to the proposal as well as the timeline, since you all know when your Department and College Curriculum Committees meet, and whether they would be willing to review via email etc.

Grateful for your guidance and feedback as always,

Thanks from us

Jason, Jinwoo, Diana, and Donna.

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

Associate Scientist, Department of Chemistry and Biochemistry

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**Urban and Regional Planning support for:** Certificate in Smart Cities and IOT

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**From** Diana Mitsova <dmitsova@fau.edu>  
**Date** Wed 11/13/2024 4:08 PM  
**To** Donna Chamely-Wiik <dchamely@fau.edu>

Dear Donna,

6 faculty voted YES and 2 haven't responded. It is approved 😊

Best, Diana

---

**From:** Donna Chamely-Wiik <dchamely@fau.edu>  
**Sent:** Friday, November 1, 2024 9:55 AM  
**To:** Diana Mitsova <dmitsova@fau.edu>  
**Subject:** Re: Certificate in Smart Cities and IOT

You are the best  
THANK YOU

Donna Chamely-Wiik, Ph.D.

Associate Dean for Undergraduate Research and Prestigious Fellowships, Undergraduate Studies

Associate Scientist, Department of Chemistry and Biochemistry

Florida Atlantic University

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Phone: 561-297-1019

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**From:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>  
**Sent:** Thursday, October 31, 2024 5:04 PM  
**To:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Cc:** Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>; Lisa Valjin <[lvaljin@fau.edu](mailto:lvaljin@fau.edu)>

**Subject:** RE: Certificate in Smart Cities and IOT

Sounds good! I sent it to the faculty.

Best, Diana

---

**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Sent:** Thursday, October 31, 2024 4:08 PM

**To:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>

**Cc:** Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>; Lisa Valjin <[lvaljin@fau.edu](mailto:lvaljin@fau.edu)>

**Subject:** Re: Certificate in Smart Cities and IOT

No - I need to get it approved by Engineering first since it is being led by that College. I should give him a head's up though - so thats a good idea. But we cant get it approved by science until Engineering approves it.

Ill email him and cc you to say you and I are working together from Science?

D

Donna Chamely-Wiik, Ph.D.

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**From:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>

**Sent:** Thursday, October 31, 2024 4:03 PM

**To:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Cc:** Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>; Lisa Valjin <[lvaljin@fau.edu](mailto:lvaljin@fau.edu)>

**Subject:** RE: Certificate in Smart Cities and IOT

Thanks, Donna!

Ok, you have Korey listed. Have you contacted him?

Best, Diana



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**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>  
**Sent:** Thursday, October 31, 2024 3:54 PM  
**To:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>  
**Cc:** Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>; Lisa Valjin <[lvaljin@fau.edu](mailto:lvaljin@fau.edu)>  
**Subject:** Re: Certificate in Smart Cities and IOT

Diana - Thanks - go with this version with the additional course. See attached draft.  
RE timeline: I dont think we have the extra time. If you could do an e-vote I would be most grateful.

We need this approved and all signed this term because It has to go to UUPC for the Jan meeting according to Maria Jennings.

Here is my current timeline which includes all the approvals.

1. Feedback from Meeroff - Accomplished
2. Share with Diana Mitsova for URP course inclusions - **Deadline Nov 8<sup>th</sup>**
3. Share with Elan Liu (UUPC Rep from Engineering) to solicit ENG College Curriculum Committee approvals - **Nov 8<sup>th</sup> - Nov 13<sup>th</sup>**
4. Get College of Engineering and Computer Science approvals - **Nov 14- 20<sup>th</sup>**
5. Share with Korey Sorge (UUPC rep from Science) to solicit SCI College Curriculum Committee approvals - **Nov 21- before end of semester. (thansgiving falls here as well - hence the problem)**
6. Pursue with submission to UUPC - **Send to UUPC January 6th for the January 16<sup>th</sup> 2025,**

Let me know if possible becasue then I have to reach out to Fred and Korey from the two colleges to give them a heads up.

Im ccing Dan who is the king of timelines to make sure this is even possible.

Donna

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**From:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>  
**Sent:** Thursday, October 31, 2024 3:32 PM  
**To:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>  
**Subject:** RE: Certificate in Smart Cities and IOT

Dear Donna,

Looks fantastic! I just realized we need to add one more course

URP 4710: Introduction to Transportation Planning

(focus area 1)

Yes, I will share with the faculty. I will ask them to vote electronically. The faculty meeting is on Nov. 20 – do you think the team can wait until then or you want it before that?

Best, Diana

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**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>  
**Sent:** Thursday, October 31, 2024 3:25 PM  
**To:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>  
**Cc:** Jason Hallstrom <[jhallstrom@fau.edu](mailto:jhallstrom@fau.edu)>; Jinwoo Jang <[jangj@fau.edu](mailto:jangj@fau.edu)>; Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>  
**Subject:** Re: Certificate in Smart Cities and IOT

Excellent. Thanks Diana

I have added in your suggestions and attached the latest draft. Let me know if I have captured all of your suggestions.

Feel free to share with your faculty as a draft only and let us know if they have any other recommended additions/edits. Do you think a week is enough or should we give you more time?

Once we get URPs feedback, Jason and Jinwoo, we should meet after that to finalize before we move it forward to Engineering.

Let me know if this timeline works.

Thanks all,

Exciting opportunities ahead

D

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**From:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>

**Sent:** Tuesday, October 29, 2024 8:30 PM

**To:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Cc:** Jason Hallstrom <[jhallstrom@fau.edu](mailto:jhallstrom@fau.edu)>; Jinwoo Jang <[jangji@fau.edu](mailto:jangji@fau.edu)>; Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>

**Subject:** RE: Certificate in Smart Cities and IOT

Dear Donna,

This is great! Please see below. I couldn't access the Google docs today (I did it yesterday) but I think it is a great idea to add a required course > > for example

## URP 4870 Site Planning

It is required for both Bachelor of Urban and Regional Planning and Bachelor of Urban Design, and is heavily focused on land development regulations (utility easements, setbacks, design standards, etc.) and computer aided design to develop a site plan.

Would you mind sending me a copy of the proposal, so that I can share with the faculty 😊

Best, Diana

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**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Sent:** Tuesday, October 29, 2024 4:49 PM

**To:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>

**Cc:** Jason Hallstrom <[jhallstrom@fau.edu](mailto:jhallstrom@fau.edu)>; Jinwoo Jang <[jangj@fau.edu](mailto:jangj@fau.edu)>; Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>

**Subject:** Re: Certificate in Smart Cities and IOT

Thanks Diana

Here is where we are currently in each Focus Area with adding URP courses: There is currently one per focus group.

1. **Smart and Connected Mobility:** URP 4712: RI: Shared and Automated Transport: Current Trends
2. **Smart and Resilient Infrastructure:** URP 4055: City Structure and Change
3. **Smart and Sustainable Environments:** URP 4403: **RI:** Sustainable Cities
4. **Sensing and Power Systems:** URP 4430: Planning for Hazards/Disasters

Could you recommend any of the other courses below for specific focus groups above? I propose some in blue.

- URP 4120: Planning Implementation Strategies - Focus area 2 (This could be focus area 3)
- URP 4255: Advanced Visual Planning Technologies (prereq URP 4254) - Focus area 2? Yes
- URP 4730: Capital Facilities Planning - Focus area 2 ?? Yes

Also John Renee recommended these, but before I delete them I wanted to list them as options:

- URP 4420 - Environmental Planning Methods — Should we include this in Focus area 3 ? Yes

- [URP 4523 Health and the Built environment](#) - not sure about this one? The faculty left, we no longer offer it.

Finally, given what you know about how students' progress through the URP curriculum and course pre-requisites, do you see a way that URP students could pursue one or more of these tracks towards the receipt of the certificate?? For example - in addition to offering at least 2 courses within each focus area for URP, should we add an additional course as a required course at the top of page 2 to support URP students receiving the certificate?

<https://docs.google.com/document/d/1tZtHqZAFmW2X2GMCdyaaKegF3sQH5Kem9VaK76J6kXQ/edit?tab=t.0>

Grateful for your feedback.

Hope this helps

Donna

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**From:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>

**Sent:** Monday, October 28, 2024 3:28 PM

**To:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Cc:** Jason Hallstrom <[jhallstrom@fau.edu](mailto:jhallstrom@fau.edu)>; Jinwoo Jang <[jangj@fau.edu](mailto:jangj@fau.edu)>; Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>

**Subject:** RE: Certificate in Smart Cities and IOT

Dear All,

Here are some other courses to consider:

URP 4430 Planning for Hazards/Disasters

- This is for the last component of the certificate

[URP 4712 RI: Shared and Automated Transport: Current Trends](#)

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URP 4120 Planning Implementation Strategies

URP 4255 Advanced Visual Planning Technologies

URP 4730 Capital Facilities Planning

Best regards,

Diana

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**From:** Donna Chamely-Wiik <[dchamely@fau.edu](mailto:dchamely@fau.edu)>

**Sent:** Monday, October 28, 2024 11:09 AM

**To:** Diana Mitsova <[dmitsova@fau.edu](mailto:dmitsova@fau.edu)>

**Cc:** Jason Hallstrom <[jhallstrom@fau.edu](mailto:jhallstrom@fau.edu)>; Jinwoo Jang <[jangj@fau.edu](mailto:jangj@fau.edu)>; Dan Meeroff <[dmeeroff@fau.edu](mailto:dmeeroff@fau.edu)>

**Subject:** Certificate in Smart Cities and IOT

Dear Diana,

Jason, Jinwoo and I are working on a proposal for a new 12-credit Undergraduate Certificate in Smart Cities and IoT, related to the NSF ERC grant we are involved in. We are hoping it could be a collab between science (URP) and Engineering (CEGE and CEECS), and we are looking for feedback on this from your perspectives. I have given you access to the latest draft of the Certificate google doc . Here is the direct link:

<https://docs.google.com/document/d/1tZtHqZAFmW2X2GMCdyaaKegF3sQH5Kem9VaK76J6kXQ/edit?tab=t.0>

I have also attached the new program form.

In a prelim meeting with John Renne, he suggested a few URP courses which we have included, but we need your help to add other courses as we think through how URP students could be eligible or the different focus areas. Dan M just met with us to think through this with pre-request for the engineers and computer scientists (thanks Dan) .

Diana, you can recommend courses, or we are happy to set up a working meeting with you if that would be easier :) , You let us know -

In terms of next steps, here is the order of approvals we had in mind.

1. **Feedback from Meeroff - Accomplished**
2. Share with Diana Mitsova for URP course inclusions
3. Share with Elan Liu (UUPC Rep from Engineering) to solicit ENG College Curriculum Committee approvals
4. Get College of Engineering and Computer Science approvals
5. Share with Korey Sorge (UUPC rep from Science) to solicit SCI College Curriculum Committee approvals
6. Pursue with submission to UUPC

Grateful for your guidance and feedback

Thanks always

Jason, Jinwoo, and Donna.

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