## **Brothers**, Sheila

| From:        | Schroeder, Margaret <m.mohr@uky.edu></m.mohr@uky.edu>                             |
|--------------|---|
| Sent:        | Thursday, April 26, 2018 9:56 PM  |
| То:          | McCormick, Katherine; Brothers, Sheila  |
| Cc:          | Bosch, Anna; Harmon, Camille; Anderson, Kimberly; Brown, Roger                    |
| Subject:     | USPs approved by Graduate Council or the Graduate School, but not approved by the |
|              | University Senate   |
| Attachments: | USPs approved by GC or GS_042618.pdf  |

Rationale for bundling: The following University Scholars Programs have been in existence and operating in the departments for a while. They were approved by the Graduate Council or the Graduate School but were not approved by the Senate. This is part of the USP clean-up process approved by the Senate in May 2017.

## **University Scholars Program**

This is a recommendation that the University Senate approve the establishment of a University Scholars Program in:

- BS Agricultural Economics and MA Diplomacy and International Commerce in the Department of Agricultural Economics within the College of Agriculture, Food and Environment and the Patterson School of Diplomacy and International Commerce within the Graduate School
- BA Modern and Classical Languages, Literatures and Cultures Track Classics and MA Classics in the Department of Modern and Classical Languages, Literatures and Cultures within the College of Arts & Sciences
- BSCS Computer Science and MS Computer Science in the Department of Computer Science within the College of Engineering
- BA Modern and Classical Languages, Literatures and Cultures Track French and Francophone Studies and MA French and Francophone Studies in the Department of Modern and Classical Languages, Literatures and Cultures within the College of Arts & Sciences
- BS Physics and MS Physics in the Department of Physics within the College of Arts & Sciences

The revised proposal is attached.

Thanks!

Margaret

Margaret J. Mohr-Schroeder, PhD | Associate Professor of STEM Education - Mathematics | <u>SAPC</u> <u>University Senate Committee Chair | University Senator/Senate Council Member | STEM PLUS</u> <u>Program Co-Chair | Department of STEM Education | University of Kentucky |</u> <u>www.margaretmohrschroeder.com | Schedule a Meeting with Me</u> The University Scholars Program (USP) offers students the opportunity and challenge of integrating their undergraduate and graduate courses of study into a single, continuous program leading to both a baccalaureate and master's degree. The student's particular requirements will determine the amount of time needed to complete the program, but the two programs can be completed in less time than that required in a conventional program.

Once approved at the college level, your college will send the proposal to the Graduate Council (GC) for review and approval. (Requirements for the bachelor's degree must remain unchanged, so there is no review by the Undergraduate Council.) After approval by the GC, the GC will send your proposal to the Senate Council office for additional review via a committee and then to the Senate for approval. Once approved by the Senate, the Senate Council office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person. The contact person listed on the form will be informed when the proposal has been sent to committee and other times as appropriate.

| 1 0         |   |                       |                   |               |                     |                       |
|-------------|---|-----------------------|-------------------|---------------|---------------------|-----------------------|
| 1. GI<br>1a | ENERAL INFORMATION<br>Bachelor's major name | e: Agricultural Ecor  | nomics            |               |                     |                       |
|             | , , , , , , , , , , , , , , , , , , ,       |                       |                   |               |                     |                       |
| 1b          | Bachelor's degree:                          | Bachelor of Arts      | B                 | achelor of So | cience 🗌 Ot         | ther                  |
|             | If "Other," explain:                        |                       |                   |               |                     |                       |
| 1.0         | Deskeler's desuse her                       |                       | una Faad & Fauin  |               |                     |                       |
| 1c          | Bachelor's degree hon                       | ne college: Agricult  | ire, Food & Envir | onment        |                     |                       |
| 1d          | Bachelor's degree hon                       | ne department/schoo   | I: Agricultural E | conomics      |                     |                       |
|             |   |                       |                   |               |                     |                       |
| 1e          | Graduate major name                         | : Diplomacy and Inte  | ernational Comm   | ierce         |                     |                       |
|             |   |                       |                   |               |                     |                       |
| 1f          | Graduate degree:                            | Master's of Arts      | Master's of       | Science       | Master's of Edu     | cation 🗌 Other        |
|             | If "Other," explain:                        |                       |                   |               |                     |                       |
|             |   |                       |                   |               |                     |                       |
| 1g          | Graduate degree hom                         | e college: The Grad   | luate School      |               |                     |                       |
|             | Ι   |                       |                   |               |                     |                       |
| 1h          | Graduate degree hom                         | e department/school:  | Patterson Sch     | ool of Diplor | nacy and Internatio | nal Commerce          |
|             |   |                       |                   |               |                     |                       |
| 1i          | Requested effective da                      | ate: 🛛 Semester a     | fter approval.    | OR            | Specific Date       | <sup>1</sup> :        |
|             |   |                       |                   |               |                     |                       |
| 1j          | Contact person name:                        | Roger Brown           |                   | Email: roge   | rbrown@uky.edu      | Phone: 7-7257         |
|             |   |                       |                   |               |                     |                       |
|             | /ERVIEW                                     |                       |                   |               |                     |                       |
| 2a          | Provide a brief descrip                     |                       | -                 |               |                     |                       |
|             | This University Schola                      | -                     | -                 |               | -                   |                       |
|             | simultaneously pursue                       | e a Masters degree in | Diplomacy and Ir  | nternational  | Commerce through    | the Patterson School. |

<sup>&</sup>lt;sup>1</sup> University Scholars Programs are typically made effective for the semester following approval. No program will be made effective unless all approvals, up through and including University Senate approval, are received.

| 2b           | Explain the need (e.g. market demand). (300 word limit)  |  |  |
|--------------|--|--|--|
|              | Aproximately 10% of students graduating with an AEC undergraduate degree spend som<br>An increasing number of our students also matriculate with 30+ credit hours of undergra<br>completed. Some of our most advanced students who meet both of these criteria desire<br>concepts and issues while building on their agricultural economic training. The Pattersor<br>International Commerce (30 credit hours) is an ideal program option for these advanced | duate course<br>to study inter<br>n School of Di | work already<br>mational<br>plomacy and  |
|              | complete four years of study with an emphasis in international studies before entering th  |  |  |
|              |  |  |  |
| 2c           | Describe the target audience. (150 word limit)   |  |  |
|              | Advanced undergraduate students in agricultural economics seeking an applied Masters   | degree with                                      | an emphasis                              |
|              | in international relations and economic development.   |  |  |
|              |  |  |  |
| <b>3.</b> Ba | sic Requirements   |  |  |
| За           | Check to confirm that the USP is open to undergraduates with senior standing who h hours of course work.   | ave complete                                     | ed at least 90                           |
| 21           |  | <u>у</u> П                                       | •• |
| 3b           | Undergraduates must have satisfied all UK Core requirements prior to applying.   | Yes  | No 🖂                                     |
|              | If "No," explain. (150 word limit)   |  |  |
|              | Prior to applying, undergraduates must have a plan to complete all UK Core requirement   | ts that is appi                                  | roved by                                 |
|              | their academic advisor.  |  |  |
| 3c           | Application to the USP is at the end of the student's junior year.   | Yes 🖂  | No                                       |
| 30           | If "No," explain. (150 word limit)   |  |  |
|              | Applications prior to the last semester of the undergraduate program will also be consid   | orod   |  |
|              | Applications pror to the last semester of the undergraduate program will also be consid  | crea.  |  |
|              | For admission to the USP, the undergraduate GPA is greater than or equal to 3.5 in the   | 57   |  |
| 3d           | student's major (including cross-listed courses) and 3.2 overall.  | Yes 🖂  | No 🔄                                     |
|              | If "No," explain. (150 word limit)   |  |  |
|              |  |  |  |
| 3e           | Check box to confirm that application to the program will follow the current procedu<br>Graduate School, subject to the conditions in questions 3a through 3d, above.  | res for applic                                   | ation to the                             |
|              |  |  |  |
| 20           | Check box to confirm that the USP is designed so that students will not take more that   |  | •  |
| 3f           | semester. (Permission to exceed that number is subject to approval by the Director of G  | raduate Studi                                    | es and Dean                              |
|              | of the Graduate School.)   |  |  |
| 4 6.         |  |  |  |
| 4. Sp        | ecific Course Requirements   |  |  |
| 4a           | Up to twelve (12) credit hours from the bachelor's degree may be used towards the grac   | luate degree.                                    | How many                                 |
|              | credits from the undergraduate degree will count towards the graduate degree?  |  |  |
|              | 12   |  |  |
|              |  |  |  |

|              | List l       | pelow the 400G- and 500-level courses in the bachelor's degree that wil                               | l count towa   | rds the gr | aduate degree.          |  |
|--------------|--------------|---|----------------|------------|-------------------------|--|
| 4b           | The          | student must be graded as a graduate student in the courses listed belo                               | w for the cou  | urse(s) to | count towards           |  |
|              | the g        | graduate degree.  |                |            |                         |  |
| Prefi<br>Num |              | Credit Hrs  |                |            |                         |  |
| AEC 5        | 545          | Resource And Environ Economics  |                |            | 3                       |  |
| AEC 5        |              | 3   |                |            |                         |  |
| AEC 5        |              | 3   |                |            |                         |  |
| AEC 5        | 580          | Special Problems: Ag Economics  |                |            | 3                       |  |
|              |              | plus other courses approved by the AEC Director of Undergradaute Stu                                  | idies (AEC) ar | nd the     |                         |  |
|              |              | Director of Graduate Studies (Patterson School). Such courses could in                                | clude upper-   | level      |                         |  |
|              |              | undergraduate or graduate courses in Political Science, Marketing, Fina                               | ance, Geogra   | phy,       |                         |  |
|              |              | Communications, and others that satisfy the Specialty Support require<br>the BS in AEC.               | nent (12 hour  | s) for     |                         |  |
|              |              |   |                |            |                         |  |
|              |              | TOTAL NUMBE   | R OF CREDIT    | HOURS:     | 12                      |  |
|              |              |   |                |            |                         |  |
| 4a.          | Doe:<br>cour | s the USP involve prerequisite courses <sup>2</sup> or concurrent enrollment <sup>3</sup> in cer ses? | tain           | Yes 🗌      | No 🖂                    |  |
|              | If "Y        | es," please list the courses below.   |                |            |                         |  |
| Prefi        | ix &         |   | Crediture      | 6          |                         |  |
| Num          | ber          | Course Title  | Credit Hrs     |            | ourse Type <sup>4</sup> |  |
|              |              |   |                | Select o   | one                     |  |
|              |              |   |                | Select c   | one                     |  |
|              |              |   |                | Select o   | one                     |  |
|              |              |   |                | Select o   | one                     |  |
|              |              |   |                | Select c   | one                     |  |
|              |              |   |                | Select c   | one                     |  |
|              |              |   |                | Select c   | one                     |  |
|              |              |   |                | Select c   | one                     |  |
|              | Select one   |   |                |            |                         |  |
|              |              |   |                | Select o   | one                     |  |
|              |              |   |                |            |                         |  |
| 4b           | Prov         | ide the Bulletin language for prerequisite or concurrent enrollment cou                               | rses.          |            |                         |  |
|              |              |   |                |            |                         |  |
|              |              |   |                |            |                         |  |
| 5. AD        | MINI         | STRATION AND ASSESSMENT   |                |            |                         |  |

<sup>&</sup>lt;sup>2</sup> Prerequisite courses are completed prior to initiation of the USP, i.e. at the undergraduate level.

<sup>&</sup>lt;sup>3</sup> Concurrent enrollment courses are in progress, i.e. in which the student is be currently enrolled.

<sup>&</sup>lt;sup>4</sup> Use the drop-down list to indicate if the course is a prerequisite or may be taken currently.

| 5a    | Describe how the propose word limit)   | ed USP will be adn   | ninistere                                      | d, including admissio  | ns, student advising, retention, etc. (150  |
|-------|--|--|--|--|---|
|       | Program with the Director<br>admission standards for b<br>will be assigned a Patterso<br>program. For the remained | of the Patterson<br>oth the Graduate<br>on School faculty<br>ler of their underg | School. A<br>School c<br>advisor v<br>graduate | Applicants must follow<br>and the Patterson Sch<br>who will advise studen<br>program, students w | ntly supervise the University Scholars<br>w the application procedures and meet the<br>pool. Students admitted to the program<br>hts during the graduate portion of the<br>will continue to be advised by their<br>hool Director will monitor retention rates |
| 5b    | Describe evaluation proce failure. (250 word limit)  | dures for the pro  | posed U  | SP. Include how to de  | termine whether the USP is a success or a   |
|       | The primary method for d   | etermining the su  | ccess of                                       | the USP will be the gr   | aduation rates of those participating in  |
|       | the program. Further indi  | cations of success   | s will be a                                    | the number of studen   | ts obtaining employment related to their  |
|       | areas and levels of study o  | fter graduation.   | This info                                      | rmation will be gathe  | red via social media outlets (LinkedIn,   |
|       | Facebook, etc), discussion<br>alumni.  | with facaulty wh   | o served                                       | as advisors for their p  | programs, and/or directly from the  |
|       |  |  |  |  |   |
|       | IISCELLANEOUS  |  |  |  |   |
| 6a    | Is there anything else abo   | ut the proposed l  | JSP that                                       | should be mentioned  | ? (150 word limit)  |
|       | No   |  |  |  |   |
| 7 1   |  |  |  |  |   |
| 7. AI | PPROVALS/REVIEWS   | Document st  | eps in th                                      | e approval process b   | elow.   |
|       | Reviewing Group<br>Name  | Date<br>Approved   | Cont   | act Person Name/Ph   | one/Email   |
|       | (Within College) In additic  | n to the informat  | ion belo                                       | w, attach documenta  | tion of department and college approval.  |
| 7a    | This typically takes the for<br>department- and college-l  |  | nutes but                                      | t may also be an emai  | l from the unit heads reporting   |
|       | Ag Econ Department   | •  | Leigh  | n Maynard / 7-7277 /   | leigh.maynard@uky.edu   |
|       |  |  |  | / /  |   |
|       |  |  |  | / /  |   |
|       |  |  |  | / /  |   |
|       |  |  |  |  |   |
| 7b    | (Collaborating and/or Affe   | ected Units)   |  |  |   |
|       | Patterson School   |  | Kath   | leen Montgomery / 7-<br>/ /  | 8261 / kmontgomery@uky.edu  |
|       |  |  |  | / /  |   |
|       |  |  |  | / /  |   |
| 7c    | (Senate's Academic Counc   | ·ilc)  |  | Date Approved  | Contact Person Name   |
| 10    | Health Care Colleges   | -  | ahlo)  | Bate Approved  |   |
|       | Graduate Council   |  | abiej  | 1/22/10  | Roshan Nikou  |
|       | Graduate Council   |  |  | 4/23/18  | NUSHAH NIKUU  |

## Re: Your vote is needed: University Scholars Program

## Brown, Roger

Tue 8/29/2017 10:54 AM

To:Brown, Roger <rogerbrown@uky.edu>;

## To Print

From: Maynard, Leigh
Sent: Tuesday, August 29, 2017 10:53 AM
To: Brown, Roger
Subject: RE: Your vote is needed: University Scholars Program

Roger,

I can confirm that the Ag Econ faculty voted by email during the week of August 24, 2017 to approve both of the following proposed University Scholars Programs:

Ag Econ BS -> Ag Econ MS Ag Econ BS -> Patterson School MA

Thanks, Leigh ---Leigh Maynard, Chair Dept. of Agricultural Economics, Univ. of Kentucky 400 Charles E. Barnhart Bldg. Lexington, KY 40546-0276 Phone: 859-257-7277

## Re: Ag Econ / Patterson School University Scholars Program Proposal

## Brown, Roger

Tue 8/29/2017 10:41 AM

To:Brown, Roger <rogerbrown@uky.edu>;

## To Print

From: Montgomery, Kathleen A
Sent: Monday, August 28, 2017 4:20 PM
To: Brown, Roger
Subject: RE: Ag Econ / Patterson School University Scholars Program Proposal

Roger,

The faculty voted and were unanimous in their support. 4 yes votes. Please let me know if there is anything else I need to do. Thank you.

Kathleen Trask Montgomery, Associate Professor/Acting Director Patterson School of Diplomacy and International Commerce University of Kentucky Lexington, KY 40506 (859) 257-8261



From: Brown, Roger
Sent: Tuesday, August 22, 2017 10:58 AM
To: Montgomery, Kathleen A
Subject: RE: Ag Econ / Patterson School University Scholars Program Proposal

Hello Kathleen,

The deadline to fast-track University Scholars Program proposals is August 31. I emailed a copy to you last week (8/14). Do you have any suggested changes to the proposal before we circulate it to our faculty in Ag Econ for an email vote? If not,

#### 8/29/2017

Re: Ag Econ / Patterson School University Scholars Program P... - Brown, Roger

will you be able to get a vote from your faculty by August 31? A letter from you (program head) indicating that a vote was taken with the breakdown (approved, disapproved, abstained) is sufficient.

Let me know if you have questions.

Thanks,

-----

Roger 859-699-4446 (cell)

Roger Brown | 859-257-7257 | rogerbrown@uky.edu

From: Brown, Roger
Sent: Monday, August 14, 2017 12:45 PM
To: Montgomery, Kathleen A <<u>kmontgomery@uky.edu</u>>
Cc: Maynard, Leigh <<u>lmaynard@email.uky.edu</u>>; Dillon, Carl <<u>carl.dillon@uky.edu</u>>
Subject: Ag Econ / Patterson School University Scholars Program Proposal

Hello Kathleen,

I have attached for your review a draft University Scholars Program (USP) proposal for a combined BS in Ag Economics and MA from the Patterson School.

The University Senate has an expedited process for reviewing USP proposals in cases like ours (i.e., where the paperwork doesn't exist, but in practice we have acted as though it did). This expedited Senate process requires faculty approval of these USP proposals by August 31, 2017.

Our Chair (Leigh Maynard) and Director of Graduate Studies (Carl Dillon) have reviewed the attached proposal and think it's ready to circulate to our faculty via email for approval. Before we do that, do you have any changes or additions that you think would better satisfy your faculty?

Feel free to call or email me.

Thanks,

Roger

Assistant Professor & Director of Undergraduate Studies Department of Agricultural Economics | University of Kentucky 304 C. E. Barnhart Building | Lexington, KY | 40546-0276 Office: 859-257-7257 | Cell: 859-699-4446 | rogerbrown@uky.edu

<sup>-----</sup>Roger Brown

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College of Arts and Sciences Office of the Dean

September 20, 2017

Dear Senate Council,

Based on the recommendation of the Senate Academic Programs Committee the Department of Modern and Classical Languages, Literatures and Cultures requests University Senate approval of their existing University Scholars Program in Classics. The Graduate Council originally approved the USP on July 29, 1983.

There is no record of the proposal ever having approval by the Senate Council or the University Senate. It is not clear if the approval by the Graduate School dean was officially sanctioned by the Senate or if this was a series of inadvertent errors.

As a result, we request that the University Senate approve the already existing University Scholars Program in Classics.

Sincerely,

Antelhord

Anna Bosch Associate Dean for Undergraduate Programs



202 Patterson Office Tower | Lexington, KY 40506 | P: 859-257-8354 | F: 859-323-1073 | www.as.uky.edu

The University Scholars Program (USP) offers students the opportunity and challenge of integrating their undergraduate and graduate courses of study into a single, continuous program leading to both a baccalaureate and master's degree. The student's particular requirements will determine the amount of time needed to complete the program, but the two programs can be completed in less time than that required in a conventional program.

Once approved at the college level, your college will send the proposal to the Graduate Council (GC) for review and approval. (Requirements for the bachelor's degree must remain unchanged, so there is no review by the Undergraduate Council.) After approval by the GC, the GC will send your proposal to the Senate Council office for additional review via a committee and then to the Senate for approval. Once approved by the Senate, the Senate Council office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person. The contact person listed on the form will be informed when the proposal has been sent to committee and other times as appropriate.

| 1. G | ENERAL INFORMATION      |                               |                                    |                                 |
|------|-------------------------|-------------------------------|------------------------------------|---------------------------------|
| 1a   | Bachelor's major name   | e: Modern and Classical I     | Languages, Literatures and Cultur  | res /Opt. Classics              |
|      |                         |                               |                                    |                                 |
| 1b   | Bachelor's degree:      | Bachelor of Arts              | Bachelor of Science                | Other                           |
|      | If "Other," explain:    |                               |                                    |                                 |
| 1c   | Bachelor's degree hom   | ne college: Arts and Scien    | ces                                |                                 |
| 1d   | Bachelor's degree hom   | ne department/school: M       | odern and Classical Languages, Li  | teratures and Cultures          |
| 1e   | Graduate major name:    | Classics                      |                                    |                                 |
| 1f   | Graduate degree:        | Master's of Arts              | Master's of Science 🗌 Maste        | r's of Education 🗌 Other        |
|      | If "Other," explain:    |                               |                                    |                                 |
| 1g   | Graduate degree home    | e college: Arts and Scien     | ces                                |                                 |
| 1ķ   | Graduate degree home    | e department/school: Mo       | dern and Classical Languages, Lit  | eratures and Cultures           |
| 1i   | Requested effective da  | ite: 🛛 Semester after ap      | oproval. OR Spe                    | cific Date <sup>1</sup> :       |
| 1j   | Contact person name:    | Milena Minkova                | Email: mmink2@uky.                 | edu Phone: 7-5710               |
| 2. 0 | VERVIEW                 | 영 사망자 사람 정말 감독을 하는 것          |                                    |                                 |
| 2a   | Provide a brief descrip | tion of the proposed USP. (.  | 300 word limit)                    |                                 |
|      | The program allows fo   | r particularly gifted and adv | anced undergraduate students to    | o complete the requirements     |
|      | both for a B.A. and an  | M.A. degree in either five y  | ears, or, for highly motivated stu | dents, in four years. These are |

<sup>&</sup>lt;sup>1</sup> University Scholars Programs are typically made effective for the semester following approval. No program will be made effective unless all approvals, up through and including University Senate approval, are received.

students who have come to UK with very solid academic preparation, due to rigorous high school academic programs or independent work. Many of them have earned a significant amount of AP credits. Normally, these students are ready to start taking graduate classes in their second or even in their first year, and in these classes are completing the same amount and level of work as graduate students. The University Scholars Program is a highly effective and beneficial opportunity for academic challenge and growth for students with proven record of academic excellence. In fact, the existence of the University Scholars Program is for us a powerful recruiting tool, with which we are able to attract excellenct undergraduates from all over the country - students, who would have selected other major universities for their undegraduate studies, had this program not existed. Normally, a faculty member identifies among the students appropriate candidates for the program and directs them to talk with the Director of Undegraduate Studies and the Director of Graduate Studies. These students show excellent performance in their classes, and usually have GPA of 4.00 or close. The DUS, DGS and the student consult together and thus a decision is made for the student to apply for USP (this happens upon completion of 90 credit hours). The DUS, DGS and the student devise an individual plan of studies. In the plan, twelve credit hours are being communicated between undergraduate and graduate degree. Depending on the individual plan of study, the student completes both degrees in four (with significant AP credits awarded upon entry to UK) or in five years.

#### 2b Explain the need (e.g. market demand). (300 word limit)

This program was initially approved in 1983. However, paperwork documenting that approval by the University Senate has been lost, so that we were requested to resubmit the program. Currently, there are four University Scholars in Classics, all of whom are making the expected progress toward degree. The USP is of tremendous importance for attracting excellent students from all over the country to our university. Many students with strong high school academic record and proven academic excellence choose UK especially because of the opportunity to complete an M.A. degree together with their B.A. and would not have opted to come here, had this opportunity not existed. Completing a Master's degree together with the Bachelor's allows the University Scholars to be very competitive for the job market upon their graduation from the University of Kentucky. The most usual career paths lead to high and middle school teaching positions, or to pursuing a doctoral degree at a major university, as well as to work in translation services, international businesses, government sector and non-govermental organizations.

#### 2c Describe the target audience. (150 word limit)

Undergraduate students with strong record of academic excellence, who are ready to take courses on a graduate level and to complete work designed for graduate students, as well as who have high motivation to complete a Master's degree at the same time or immediately upon the Bachelor's one.

| 3. B | asic Requirements   |                  |                 |
|------|---|------------------|-----------------|
| 3a   | Check to confirm that the USP is open to undergraduates with senior standing w hours of course work.                          | ho have comple   | ted at least 90 |
| 3b   | Undergraduates must have satisfied all UK Core requirements prior to applying.<br>If "No," explain. ( <i>150 word limit</i> ) | Yes 🔀            | No 🗌            |
| 3c   | Application to the USP is at the end of the student's junior year.<br>If "No," explain. (150 word limit)                      | Yes              | No 🔀            |
|      | Sophomores, who have started to take graduate classes in the first or second year o   | f studies and wh | no have been    |

|      |           | ded significant AP credits upon entry to UK, may apply at the end of their sophomo<br>happen in the first semester of the junior year. All depends on the completed cours                   |             |   |
|------|-----------|---|-------------|---|
|      |           | mpleting the program in four years.   |             | , |
|      |           |   |             |   |
| 3d   |           | dmission to the USP, the undergraduate GPA is greater than or equal to 3.5 in the<br>ent's major (including cross-listed courses) and 3.2 overall.  | Yes 🔀       | No                                      |
|      | lf "N     | o," explain. (150 word limit)   |             |   |
|      |           |   |             |   |
| 3e   |           | heck box to confirm that application to the program will follow the current procedu<br>uate School, subject to the conditions in questions 3a through 3d, above.                            | res for app | olication to the                        |
|      | Хc        | heck box to confirm that the USP is designed so that students will not take more the  | an 16 cred  | it hours per                            |
| 3f   | seme      | ster. (Permission to exceed that number is subject to approval by the Director of G   |             | 100 I I I I I I I I I I I I I I I I I I |
|      | orti      |   |             |   |
| 4. S | oecific ( | Course Requirements   |             |   |
| 4a   | · · · · · | twelve (12) credit hours from the bachelor's degree may be used towards the grac<br>ts from the undergraduate degree will count towards the graduate degree?                                | luate degr  | ee. How many                            |
|      | 12        |   |             |   |
|      |           |   |             |   |
| 4b   | The s     | elow the 400G- and 500-level courses in the bachelor's degree that will count towa<br>tudent must be graded as a graduate student in the courses listed below for the co<br>raduate degree. | (Th)        |   |
| Pre  | fix &     |   |             |   |
|      | nber      | Course Title  |             | Credit Hrs                              |
|      |           | Please see 4-year plan  |             |   |
|      |           |   |             |   |
|      |           | ents complete 12 hours of MA work senior year: CLA 5 and CLA 6 dependers se numbering will clearly depend on offerings and year.  | ling on of  | ferings. The                            |
|      |           |   |             |   |
|      |           | TOTAL NUMBER OF CREDIT  | HOURS:      | 12                                      |
| 4a.  |           | the USP involve prerequisite courses <sup>2</sup> or concurrent enrollment <sup>3</sup> in certain  | Yes         | No 🖂                                    |
|      | cour:     | es?<br>s," please list the courses below.   |             |   |
|      | 11 16     | s, prease list the courses below.   |             |   |

<sup>&</sup>lt;sup>2</sup> Prerequisite courses are completed prior to initiation of the USP, i.e. at the undergraduate level.

<sup>&</sup>lt;sup>3</sup> Concurrent enrollment courses are in progress, i.e. in which the student is be currently enrolled.

|       | fix &<br>nber | Course Title   | Credit Hrs          | Course Type⁴                   |
|-------|---------------|--|---------------------|--------------------------------|
|       |               |  |                     | Select one                     |
|       |               |  |                     |                                |
| 4b    | Drov          | ide the Bulletin language for prerequisite or concurrent enrollment cou    | Ircoc               |                                |
| 40    | FIUV          | the bulletin language for prerequisite of concurrent enrolment cot         | 11 585.             |                                |
|       |               |  |                     |                                |
|       |               |  | scionalities /ochr) | North Will Million Million Re- |
| 5. AI |               | STRATION AND ASSESSMENT  |                     | sing notention ate (150        |
| 5a    |               | ribe how the proposed USP will be administered, including admissions,      | Student advis       | sing, recention, etc. (150     |
|       |               | d limit)   |                     |                                |
|       |               | Ity members identify particularly strong students from their classes and   |                     |                                |
|       |               | n conferring with the student, the DUS and DGS prepare an individual play  |                     |                                |
|       |               | to the University Scholars Program and to the Graduate School. After t     |                     |                                |
|       |               | the DGS cooperate as advisors and work together with the common go         | al of completii     | ng the path of studies and     |
|       | of th         | mely graduation.   |                     |                                |
| 5b    |               | ribe evaluation procedures for the proposed USP. Include how to deter      | rmine whethe        | r the USP is a success or a    |
| 20    |               | re. (250 word limit)   |                     |                                |
|       |               | y year, while working on the graduate assessment, the Program evalua       |                     |                                |
|       |               | rram. This evaluation includes assessment of the progress of each and e    |                     |                                |
|       |               | expected that all University Scholars should follow the designed plan of   |                     |                                |
|       | prog          | ress toward degree. If this expectation is fulfilled, the USP meets establ | ished outcom        | es. An additional tool for     |
|       | eval          | uation of success is career path after graduation. If every University Sch | olar obtains a      | i job corresponding to         |
|       | thei          | r qualifications, e.g. an appropriate high/middle school teaching positio  | n, or enters a      | doctoral program for           |
|       | cont          | inuation of studies etc., the USP meets established outcomes.              |                     |                                |
|       |               |  |                     |                                |
| 6. M  | ISCELI        | ANEOUS   |                     |                                |
| 6a    | ls th         | ere anything else about the proposed USP that should be mentioned? (       | 150 word lim        | it)                            |
|       | Plea          | se see attached four-year plan. In the five-year plan two graduate class   | es are taken i      | n the fall of the senior       |
|       | year          | and two graduate classes are taken in the spring of the senior year, the   | is leaving six g    | graduate classes to be         |
|       |               | ibuted between the fall and the spring of the fifth year.                  |                     |                                |
|       |               |  |                     |                                |

<sup>&</sup>lt;sup>4</sup> Use the drop-down list to indicate if the course is a prerequisite or may be taken currently.

|    |                               | Document st                           | eps in th | e appi  | roval process b | elow.                                  |  |  |  |
|----|-------------------------------|---------------------------------------|-----------|---------|-----------------|--|--|--|--|
|    | Reviewing Group<br>Name       | Date<br>Approved                      | Conta     | ict Pe  | rson Name/Ph    | one/Email                              |  |  |  |
|    | (Within College) In addition  | n to the informat                     | ion belov | v, atto | ach documenta   | tion of department and college approva |  |  |  |
| 7a | This typically takes the form | n of meeting mir                      | nutes but | may a   | also be an ema  | il from the unit heads reporting       |  |  |  |
|    | department- and college-le    | vel votes.                            |           |         |                 |  |  |  |  |
|    |                               |                                       |           | /       | /               |  |  |  |  |
|    | Jeanmarie Rouhier-            |                                       |           |         |                 |  |  |  |  |
|    | Willoughby, Chair,<br>MCLLC   | 9/13/17                               | Milen     | a Min   | kova / 7-5710   | / mmink2@uky.edu                       |  |  |  |
|    |                               |                                       |           | 1       | 1               |  |  |  |  |
|    |                               |                                       |           | 1       | 1               |  |  |  |  |
|    |                               |                                       |           |         |                 |  |  |  |  |
| 7b | (Collaborating and/or Affect  | (Collaborating and/or Affected Units) |           |         |                 |  |  |  |  |
|    |                               |                                       |           | /       | /               |  |  |  |  |
|    |                               |                                       |           | /       | /               |  |  |  |  |
|    |                               |                                       | / /       |         |                 |  |  |  |  |
|    |                               |                                       |           | /       | /               |  |  |  |  |
|    |                               |                                       |           |         |                 |  |  |  |  |
| 7c | (Senate's Academic Counci     | •                                     |           | Dat     | e Approved      | Contact Person Name                    |  |  |  |
|    | Health Care Colleges          | Council (if applic                    | able)     | 1.0     |                 |  |  |  |  |
|    | Graduate Council              |                                       |           | 12/     | /21/17          | Roshan Nikou                           |  |  |  |

#### UNIVERSITY OF KENTUCKY

37

LEXINGTON, KENTUCKY 40506

GRADUATE SCHOOL

July 29, 1983

Dr. Hubert M. Martin, Jr. Chairman Department of Classics 1331 Patterson Office Tower CAMPUS 00270

Dear Dr. Martin:

The Graduate Council has approved your proposal for the University Scholars Program as submitted.

We are very pleased that your Department has chosen to participate in this program and hope that it will be helpful in attracting good students to your program.

Sincerely yours,

c. W. Roys

WCR:kh

## 4-YEAR CURRICULAR MAP

| YEAR 1   |   |
|--|---|
| FALL<br>‡UK Core CC1<br>CLA 101: Elementary Latin I OR CLA 151: Elementary<br>Greek I UK Core QFO<br>CLA 229: The Ancient Near East & Greece to the Death<br>of Alexander the Great<br>Total Credits: 14 | SPRING<br>UK Core CC2<br>CLA 102: Elementary Latin II OR CLA 152:<br>Elementary<br>Greek II<br>CLA 230: The Hellenistic World & Rome to the<br>Death of<br>Constantine UK Core NPM<br>Total Credits: 13 |
| YEAR 2   |   |
| FALL<br>CLA 201: Intermediate Latin I OR CLA 251: Intermediate<br>Greek I<br>UK Core SIR<br>UK Core SSC<br>UK Core HUM<br>◊Elective Total Credits: 15  | SPRING<br>CLA 202: Intermediate Latin II OR CLA 252:<br>Intermediate Greek II<br>UK Core ACR<br>*200+ CLA Course<br>&Elective Total Credits: 15   |
| YEAR 3   |   |
| FALL<br>*200+ CLA Course<br>*300+ CLA Course<br>*300+ Course outside CLA A&S SS<br>A&S NS<br>A&S Lab<br>Total Credits: 16  | SPRING<br>*300+ CLA Course<br>*300+ CLA Course<br>*300+ Course outside CLA *200+ Major<br>Elective Course A&S NS<br>UK Core CCC<br>Total Credits: 18  |
| YEAR 4   |   |
| FALL<br>UK Core GDY<br>*300+ CLA Course / <b>USP CLA 5</b><br>*300+ Course outside CLA<br>*300+ Elective / <b>USP CLA 6</b><br>*200+ Major Elective Course<br>Total Credits: 15                          | SPRING<br>*300+ Course outside of CLA<br>*300+ Course outside of CLA<br>*300+ Elective / <b>USP CLA 5</b><br>*300+ Elective / <b>USP CLA 6</b><br>ØElectives(s)<br>Total Credits: 14                    |

#### University Studies Program (USP) courses are in bold.

\*The courses that double count are MCL major CLA track core (3hours), CLA track electives (6 hours) and/ additional elective hours students take to reach 120 hours (3 hours).

Students complete 12 hours of MA work senior year: CLA 5-- and CLA 6-- depending on offerings. The precise numbering will clearly depend on offerings and year.

With 12 hours at the 500/600-level completed during the senior year, the M.A. in Classics can be completed in one additional year of study. Student must complete an additional 18 hours.

## Master of Arts: Classics (with 12 credits from UG)

| YEAR 5 Fall – M.A.                                | YEAR 5 Spring – M.A.                                |
|---|---|
| 3 additional 500/600 level courses                | 3 additional 500/600 level courses,                 |
| =9 credits fall semester of 5 <sup>th</sup> year. | =9 credits spring semester of 5 <sup>th</sup> year. |
| y creates tail semester of 5 year.                | y creates spring semester of 5 year.                |

#### **Requirements for degree**

Total 30 hours required. Half of them need to be on a 600 level. Two thirds of them need to be in Classics. Two thirds of them need to be in regularly scheduled courses. CLA 501 is required. A student must earn a minimum of nine credit hours in graduate courses in each of the classical languages and an additional six credit hours in graduate courses in either Greek or Latin or a combination of the two. A student needs to pass an M.A. exit exam.

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The University Scholars Program (USP) offers students the opportunity and challenge of integrating their undergraduate and graduate courses of study into a single, continuous program leading to both a baccalaureate and master's degree. The student's particular requirements will determine the amount of time needed to complete the program, but the two programs can be completed in less time than that required in a conventional program.

Once approved at the college level, your college will send the proposal to the Graduate Council (GC) for review and approval. (Requirements for the bachelor's degree must remain unchanged, so there is no review by the Undergraduate Council.) After approval by the GC, the GC will send your proposal to the Senate Council office for additional review via a committee and then to the Senate for approval. Once approved by the Senate, the Senate Council office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person. The contact person listed on the form will be informed when the proposal has been sent to committee and other times as appropriate.

| 1. GE | NERAL INFORMATION        |                       |                   |                   |                 |                      |                       |
|-------|--------------------------|-----------------------|-------------------|-------------------|-----------------|----------------------|-----------------------|
| 1a    | Bachelor's major name    | e: Computer Science   | ce                |                   |                 |                      |                       |
|       |                          |                       |                   |                   |                 |                      |                       |
| 1b    | Bachelor's degree:       | Bachelor of Arts      | 5                 | Bachelor o        | f Science       | 🖂 Ot                 | her                   |
|       | If "Other," explain:     | Bachelor of Science   | in Compu          | ter Science       |                 |                      |                       |
|       |                          |                       |                   |                   |                 |                      |                       |
| 1c    | Bachelor's degree hom    | e college: College    | of Enginee        | ring              |                 |                      |                       |
|       | 1                        |                       |                   |                   |                 |                      |                       |
| 1d    | Bachelor's degree hom    | e department/schoo    | ol: Comp          | uter Science      |                 |                      |                       |
|       | 1                        |                       |                   |                   |                 |                      |                       |
| 1e    | Graduate major name:     | Computer Science      |                   |                   |                 |                      |                       |
|       |                          | 1                     |                   |                   |                 |                      |                       |
| 1f    | Graduate degree:         | Master's of Arts      | 🔀 Mas             | ter's of Science  | Master's        | of Educ              | cation 🗌 Other        |
|       | If "Other," explain:     |                       |                   |                   |                 |                      |                       |
|       | · · ·                    |                       |                   |                   |                 |                      |                       |
| 1g    | Graduate degree home     | e college: College    | of Enginee        | ring              |                 |                      |                       |
|       |                          |                       |                   |                   |                 |                      |                       |
| 1h    | Graduate degree home     | e department/school   | : Compu           | ter Science       |                 |                      |                       |
|       | ·                        |                       |                   |                   |                 |                      |                       |
| 1i    | Requested effective da   | ite: 🛛 Semester a     | fter appro        | val. OF           | R Specif        | ic Date <sup>1</sup> | •                     |
|       | 1                        |                       |                   |                   |                 |                      |                       |
| 1j    | Contact person name:     | Kathy Ice-Wedding     |                   | Email: ka         | thy@cs.uky.ed   | и                    | Phone: 257-4997       |
|       | 1                        |                       |                   | I                 |                 |                      | I                     |
| 2. 0\ | /ERVIEW                  |                       |                   |                   |                 |                      |                       |
| 2a    | Provide a brief descript | tion of the proposed  | USP. ( <i>300</i> | word limit)       |                 |                      |                       |
|       | The Computer Science     | University Scholars F | Program pr        | ovides highly m   | otivated and ac | ademic               | ally succcessful      |
|       | computer science majo    | ors a path to advance | their know        | wledge and skills | and to further  | their p              | rofessional career by |

<sup>&</sup>lt;sup>1</sup> University Scholars Programs are typically made effective for the semester following approval. No program will be made effective unless all approvals, up through and including University Senate approval, are received.

|              | enrolling in a combined undergraduate and graduate course of study, culminating in bot<br>and a graduate degree. Qualifed Computer Science majors are encouraged to apply to o<br>program after they have completed at least 90 credit hours toward the Computer Science<br>These students should submit the University Scholars Program application at the end of<br>Computer Science University Scholar Program admission criteria are an undergraduate g<br>least 3.2 and a computer science major grade point average of at least 3.5. | our Universi<br>ce bachelor'<br>their junior | ty Scholars<br>s degree.<br>year. |
|--------------|--|--|-----------------------------------|
| 2b           | Explain the need (e.g. market demand). (300 word limit)  |  |                                   |
|              | The ever growing need in both industry and modern society for graduate-level educated  | computer s                                   | cientists with                    |
|              | an advanced skill set in computing and analysis of computing, is our main reason for dev   | -  |                                   |
|              | a Computer Science University Scholars Program.  |  |                                   |
| 2c           | Describe the target audience. (150 word limit)   |  |                                   |
|              | The target audience for the Computer Science USP program is academically excelling Cor   | nputer Scie                                  | nce majors                        |
|              | who are interested in pursuing graduate studies.   |  |                                   |
|              |  |  |                                   |
| <b>3.</b> Ba | asic Requirements  |  |                                   |
| 3a           | Check to confirm that the USP is open to undergraduates with senior standing who h   | ave comple                                   | eted at least 90                  |
|              | hours of course work.  |  |                                   |
| 3b           | Undergraduates must have satisfied all UK Core requirements prior to applying.   | Yes 🔀  | No                                |
|              | If "No," explain. (150 word limit)   |  |                                   |
|              |  |  |                                   |
| 3c           | Application to the USP is at the end of the student's junior year.   | Yes 🔀  | No                                |
|              | If "No," explain. (150 word limit)   |  |                                   |
|              |  |  |                                   |
| 3d           | For admission to the USP, the undergraduate GPA is greater than or equal to 3.5 in the   | Yes 🖂  | No                                |
|              | student's major (including cross-listed courses) and 3.2 overall.  |  |                                   |
|              | If "No," explain. ( <i>150 word limit</i> )  |  |                                   |
|              | Check box to confirm that application to the program will follow the current procedu   | ires for app                                 | lication to the                   |
| 3e           | Graduate School, subject to the conditions in questions 3a through 3d, above.  |  |                                   |
|              | Check box to confirm that the USP is designed so that students will not take more th   | an 16 credit                                 | hours per                         |
| 3f           | semester. (Permission to exceed that number is subject to approval by the Director of G  | raduate Stu                                  | dies and Dean                     |
|              | of the Graduate School.)   |  |                                   |
| 4_Sr         | pecific Course Requirements  |  |                                   |
|              | Up to twelve (12) credit hours from the bachelor's degree may be used towards the grad   | duate degre                                  | e. How many                       |
| 4a           | credits from the undergraduate degree will count towards the graduate degree?  |  |                                   |
|              |  |  |                                   |

|              | 12           |   |                   |                        |                 |
|--------------|--------------|---|-------------------|------------------------|-----------------|
| 4b           | The          | pelow the 400G- and 500-level courses in the bachelor's degree that<br>student must be graded as a graduate student in the courses listed b<br>graduate degree. |                   | -                      | -               |
| Prefi<br>Num |              | Course Title  |                   |                        | Credit Hrs      |
|              |              | Please see attached   |                   |                        |                 |
|              |              |   |                   |                        |                 |
|              |              |   |                   |                        |                 |
|              |              | TOTAL NUM   | MBER OF CREDIT    | HOURS:                 | 12              |
| 4a.          | Doe:<br>cour | the USP involve prerequisite courses <sup>2</sup> or concurrent enrollment <sup>3</sup> in ses?   | certain           | Yes 🔀                  | No              |
|              | If "Y        | es," please list the courses below.   |                   | 1                      | 1               |
| Prefi<br>Num |              | Course Title  | Credit Hrs        | Coι                    | ırse Type⁴      |
|              |              | Please see attached   |                   | Select on              | e               |
|              |              |   |                   | Select on              | e               |
|              |              |   |                   | Select on              |                 |
|              |              |   |                   | Select on              |                 |
|              |              |   |                   | Select on              |                 |
|              |              |   |                   | Select on              | -               |
|              |              |   |                   | Select on<br>Select on |                 |
|              |              |   |                   | Select on              |                 |
|              |              |   |                   | Select on              |                 |
|              |              |   |                   |                        |                 |
| łb           | Prov         | ide the Bulletin language for prerequisite or concurrent enrollment   | courses.          |                        |                 |
|              |              | equisites for graduate-level Computer Science courses as listed in th<br>e Director of Graduate Studies and/or the Director of Undergraduat                     | •                 | e Bulletin, c          | or by consent   |
|              |              |   |                   |                        |                 |
| 5. AD        |              | STRATION AND ASSESSMENT   |                   |                        |                 |
| 5a           |              | ribe how the proposed USP will be administered, including admissic<br>I limit)  | ons, student advi | ising, retent          | tion, etc. (150 |

<sup>&</sup>lt;sup>2</sup> Prerequisite courses are completed prior to initiation of the USP, i.e. at the undergraduate level.

<sup>&</sup>lt;sup>3</sup> Concurrent enrollment courses are in progress, i.e. in which the student is be currently enrolled.

<sup>&</sup>lt;sup>4</sup> Use the drop-down list to indicate if the course is a prerequisite or may be taken currently.

Applicants to our University Scholar's program must fill out and have signed the University Scholar's application form, which is available in The Graduate School Admissions Office. This form should be returned along with the standard Graduate School application form. The Dean of the Graduate School or his appointee will make admission decisions. Students must register in the Graduate School for all work taken following admission to the University Scholars' Program. University Scholars may take no more than 16 credit hours per semester, except by recommendation of their director of graduate studies and by approval of the Dean of the Graduate School. Students must have an undergraduate advisor and a graduate advisor. A jointly planned program is prepared for each student with input from the Director of Graduate Studies and Director of Undergraduate Studies.

# 5bDescribe evaluation procedures for the proposed USP. Include how to determine whether the USP is a success or a<br/>failure. (250 word limit)

In order to evaluate the status of the Computer Science USP program and its success, the Department of Computer Science will analyze time-degree data for our USP graduates, review our USP drop out rate, and take note of our enrollment numbers in the USP program, in light of our USP students successfully completing the rquirements and core educational values and goals of the Computer Science undergraduate and graduate degree programs. The data will be assessed every semester with respect to the graduation rate and student performance as key indicators, and improvement actions will be developed and implemented as needed.

## 6. MISCELLANEOUS

6a Is there anything else about the proposed USP that should be mentioned? (150 word limit)

|    |  | Document steps       | s in the approval proces | ss below.                                   |
|----|--|----------------------|--------------------------|---|
|    | Reviewing Group<br>Name                          | Date<br>Approved     | Contact Person Name,     | /Phone/Email                                |
|    | (Within College) In additio                      | n to the information | below, attach docume     | ntation of department and college approval. |
| 7a | This typically takes the for                     | m of meeting minute  | es but may also be an e  | mail from the unit heads reporting          |
|    | department- and college-l                        | evel votes.          |                          |   |
|    |  |                      | / /                      |   |
|    |  |                      | / /                      |   |
|    |  |                      | / /                      |   |
|    |  |                      | / /                      |   |
|    |  | I                    |                          |   |
| 7b | (Collaborating and/or Affe                       | ected Units)         |                          |   |
|    |  |                      | / /                      |   |
|    |  |                      | / /                      |   |
|    |  |                      | / /                      |   |
|    |  |                      | / /                      |   |
|    | 1  | 1                    |                          |   |
|    |  |                      |                          |   |
| 7c | (Senate's Academic Counc                         | cils)                | Date Approved            | Contact Person Name                         |
| 7c | (Senate's Academic Counc<br>Health Care Colleges | •                    |                          | Contact Person Name                         |

4a. List of courses that either have prerequisites or permit concurrent enrollment

| Prefix & Number: | Course Title:                          | Credit Hours: | Course Type: |
|------------------|--|---------------|--------------|
| CS 505           | Intermediate Topics in Database System | ns 3          | Prerequisite |
| CS 515           | Algorithm Design                       | 3             | Prerequisite |
| CS 521           | Computional Sciences                   | 3             | Prerequisite |
| CS/MA 522        | Matrix Theory and Numerical Linear Alg | gebra I 3     | Prerequisite |
| CS 535           | Intermediate Computer Graphics         | 3             | Prerequisite |
| CS 536           | Situated Computing                     | 3             | Prerequisite |
|                  |  |               |              |
| CS/EGR/MA 537    | Numerical Analysis                     | 3             | Prerequisite |
| CS 541           | Compiler Design                        | 3             | Prerequisite |
| CS 555           | Declarative Programming                | 3             | Prerequisite |
| CS 570           | Modern Operating Systems               | 3             | Prerequisite |
| CS 571           | Computer Networks                      | 3             | Prerequisite |
| CS 575           | Models of Computation                  | 3             | Prerequisite |
| CS 585           | Intermediate Topics in Computer Scien  | се            |              |
|                  | (Subtitle required)                    | 3             | Prerequisite |
| CS/EE/CPE 587    | Advanced Embedded Systems              | 3             | Prerequisite |
| CS 631           | Computer-Aided Geometric Design        | 3             | Prerequisite |
| CS 633           | 3D Computer Animation                  | 3             | Prerequisite |
| CS 634           | Multimedia Systems                     | 3             | Prerequisite |
| CS 637           | Exploring Virtual Worlds               | 3             | Prerequisite |
| CS 655           | Programming Languages                  | 3             | Prerequisite |
| CS 683           | Finite-State Machines                  | 3             | Prerequisite |

4b. List of 500-level courses in the bachelor's degree program that will count towards the graduate degree; **up to 12 hours will be counted** 

| Prefix & Number: | Course Title:                           | Credit Hours:  |
|------------------|---|--|
| CS 505           | Intermediate Topics in Database System  | ns 3   |
| CS 515           | Algorithm Design                        | 3  |
| CS 521           | Computional Sciences                    | 3  |
| CS/MA 522        | Matrix Theory and Numerical Linear Alg  | gebra I 3  |
| CS 535           | Intermediate Computer Graphics          | 3  |
| CS 536           | Situated Computing                      | 3  |
| CS/EGR/MA 537    | Numerical Analysis                      | 3  |
| CS 541           | Compiler Design                         | 3  |
| CS 555           | Declarative Programming                 | 3  |
| CS 570           | Modern Operating Systems                | 3  |
| CS 571           | Computer Networks                       | 3  |
| CS 575           | Models of Computation                   | 3  |
| CS 585           | Intermediate Topics in Computer Science | ce in the second s |
|                  | (Subtitle required)                     | 3  |
| CS/EE/CPE 587    | Advanced Embedded Systems               | 3  |

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College of Arts and Sciences Office of the Dean

September 13, 2017

Dear Senate Council,

Based on the recommendation of the Senate Academic Programs Committee the Department of Modern and Classical Languages, Literatures and Cultures requests University Senate approval of their existing University Scholars Program in French and Francophone Studies. The Graduate Council originally approved the USP on July 29, 1983.

There is no record of the proposal ever having approval by the Senate Council or the University Senate. It is not clear if the approval by the Graduate School dean was officially sanctioned by Senate or if this was a series of inadvertent errors.

As a result, we request that the University Senate approve the already existing University Scholars Program in French and Francophone Studies.

Sincerely,

Andelkort

Anna Bosch Associate Dean for Undergraduate Programs



202 Patterson Office Tower | Lexington, KY 40506 | P: 859-257-8354 | F: 859-323-1073 | www.as.uky.edu

The University Scholars Program (USP) offers students the opportunity and challenge of integrating their undergraduate and graduate courses of study into a single, continuous program leading to both a baccalaureate and master's degree. The student's particular requirements will determine the amount of time needed to complete the program, but the two programs can be completed in less time than that required in a conventional program.

Once approved at the college level, your college will send the proposal to the Graduate Council (GC) for review and approval. (Requirements for the bachelor's degree must remain unchanged, so there is no review by the Undergraduate Council.) After approval by the GC, the GC will send your proposal to the Senate Council office for additional review via a committee and then to the Senate for approval. Once approved by the Senate, the Senate Council office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person. The contact person listed on the form will be informed when the proposal has been sent to committee and other times as appropriate.

| 1. G | ENERAL INFORMATION          |  |   |
|------|-----------------------------|--|---|
| 1a   | Bachelor's major name:      | Modern and Classic<br>Francophone Studie | ical Languages, Literatures and Cultures / Opt. French and<br>ies     |
| 1b   | Bachelor's degree:          | Bachelor of Arts                         | Bachelor of Science Other   |
|      | If "Other," explain:        |  |   |
| 1c   | Bachelor's degree home      | college: Arts and Sci                    | ciences   |
| 1d   | Bachelor's degree home      | department/school:                       | Modern and Classical Languages, Literatures and Cultures              |
| 1e   | Graduate major name:        | French and Francophe                     | hone Studies  |
| 1f   | Graduate degree:            | Master's of Arts                         | Master's of Science Master's of Education Other                       |
|      | If "Other," explain:        |  |   |
| 1g   | Graduate degree home of     | college: Arts and Sci                    | ciences   |
| 1h   | Graduate degree home of     | department/school:                       | Modern and Classical Languages, Literatures and Cultures              |
| 1i   | Requested effective date    | e: 🛛 Semester after                      | er approval. OR Specific Date <sup>1</sup> :                          |
| 1j   | Contact person name: N      | 1ilena Minkova                           | Email: <i>mmink2@uky.edu</i> Phone: 7-5710                            |
| 2. 0 | VERVIEW                     | and the state of the                     | 아파 성장에 관계하는 것은                    |
| 2a   | Provide a brief description | on of the proposed US                    | SP. (300 word limit)  |
|      |                             |  | nd advanced undergraduate students to complete the requirements       |
|      |                             |  | ve years, or, for high1y motivated students, in four years. These are |

<sup>&</sup>lt;sup>1</sup> University Scholars Programs are typically made effective for the semester following approval. No program will be made effective unless all approvals, up through and including University Senate approval, are received.

students who have come to UK with very solid academic preparation, due to rigorous high school academic programs or independent work. Many of them have earned a significant amount of AP credits. Normally, these students are ready to start taking graduate classes in their second or even in their first year, and in these classes are completing the same amount and level of work as graduate students. The University Scholars Program is a highly effective and beneficial opportunity for academic challenge and growth for students with proven record of academic excellence. In fact, the existence of the University Scholars Program is for us a powerful recruiting tool, with which we are able to attract excellent undergraduates from all over the country - students, who would have selected other major universities for their undergraduate studies, had this program not existed. Normally, a faculty member identifies among the students appropriate candidates for the program and directs them to talk with the Director of Undergraduate Studies and the Director of Graduate Studies. These students show excellent performance in their classes, and usually have GPA of 4.00 or close. The DUS, DGS and the student consult together and thus a decision is made for the student to apply for USP (this happens upon completion of 90 credit hours). The DUS, DGS and the student devise an individual plan of studies. In the plan, twelve credit hours are being communicated between undergraduate and graduate degree. Depending on the individual plan of study, the student completes both degrees in four (with significant AP credits awarded upon entry to UK) or in five years.

### 2b Explain the need (e.g. market demand). (300 word limit)

This program was initially approved in 1983. However, paperwork documenting that approval by the University Senate has been lost, so that we were requested to resubmit the program. Currently, there are two University Scholars in French, who are making the expected progress toward degree. The USP is of tremendous importance for attracting excellent students from all over the country to our university. Many students with strong high school academic record and proven academic excellence choose UK especially because of the opportunity to complete an M.A. degree together with their B.A. and would not have opted to come here, had this opportunity not existed. Completing a Master's degree together with the Bachelor's allows the University Scholars to be very competitive for the job market upon their graduation from the University of Kentucky. The most usual career paths lead to high and middle school teaching positions, or to pursuing a doctoral degree at a major university, as well as to work in translation services, international businesses, government sector and non-govermental organizations.

#### 2c Describe the target audience. (150 word limit)

Undergraduate students with strong record of academic excellence, who are ready to take courses on a graduate level and to complete work designed for graduate students, as well as who have high motivation to complete a Master's degree at the same time or immediately upon the Bachelor's one.

| 3. Ba | asic Requirements  |                  |                 |
|-------|--|------------------|-----------------|
| 3a    | Check to confirm that the USP is open to undergraduates with senior standing w hours of course work. | ho have comple   | ted at least 90 |
|       |  |                  | V               |
| 3b    | Undergraduates must have satisfied all UK Core requirements prior to applying.                       | Yes              | No 👗            |
|       | If "No," explain. (150 word limit)   |                  |                 |
|       | Students should follow the 4 year plan as attached.  |                  |                 |
| 3c    | Application to the USP is at the end of the student's junior year.                                   | Yes 🗌            | No 🔀            |
|       | If "No," explain. (150 word limit)   |                  |                 |
|       | Sophomores, who have started to take graduate classes in the first or second year o                  | f studies and wh | no have been    |

|   | awarded significant AP credits upon entry to UK, may apply at the end of their sop<br>may happen in the first semester of the junior year. It all depends on the complete<br>viability of completing the program in four years.  |   |  |
|---|--|---|--|
| 3d  | For admission to the USP, the undergraduate GPA is greater than or equal to 3.5 in student's major (including cross-listed courses) and 3.2 overall.   | n the Yes 🔀   | No   |
|   | If "No," explain. (150 word limit)   |   |  |
| 3e  | Check box to confirm that application to the program will follow the current pr<br>Graduate School, subject to the conditions in questions 3a through 3d, above.   | ocedures for app  | lication to the  |
| 3f  | Check box to confirm that the USP is designed so that students will not take me<br>semester. (Permission to exceed that number is subject to approval by the Director<br>of the Graduate School.)  |   |  |
| 194   | pecific Course Requirements<br>Up to twelve (12) credit hours from the bachelor's degree may be used towards th  | e graduate degre  | e How many   |
| ła  | credits from the undergraduate degree will count towards the graduate degree?  |   |  |
| 4a  | credits from the undergraduate degree will count towards the graduate degree?<br>12  |   |  |
|   |  | t towards the gra   | duate degree.  |
| 4b<br>Pret                                    | 12<br>List below the 400G- and 500-level courses in the bachelor's degree that will course<br>The student must be graded as a graduate student in the courses listed below for   | t towards the gra   | duate degree.  |
| 4b<br>Pret                                    | 12<br>List below the 400G- and 500-level courses in the bachelor's degree that will count<br>The student must be graded as a graduate student in the courses listed below for<br>the graduate degree.  | t towards the gra   | duate degree.<br>ount towards  |
| 4b<br>Pre <sup>-</sup><br>Nur<br>*Tł          | 12<br>List below the 400G- and 500-level courses in the bachelor's degree that will course<br>The student must be graded as a graduate student in the courses listed below for the graduate degree.<br>fix & Course Title  | t towards the gra<br>the course(s) to c   | duate degree.<br>ount towards<br>Credit Hrs  |
| 4b<br>Pret<br>Nur<br>add<br>Stu               | 12<br>List below the 400G- and 500-level courses in the bachelor's degree that will count<br>The student must be graded as a graduate student in the courses listed below for the<br>the graduate degree.<br>fix &<br>mber<br>PIEOSE SEE A-YEOV PLAN<br>the courses that double count are MCL major FR track core (FR 4 71 G 3hours), FR track   | t towards the gra<br>the course(s) to c<br>k electives <u>(</u> 6 hou<br>erings. The precis                       | duate degree.<br>ount towards<br>Credit Hrs<br>urs) and/<br>se numbering w                     |
| 4b<br>Pret<br>Nur<br>*Tł<br>add<br>Stu<br>cle | 12<br>List below the 400G- and 500-level courses in the bachelor's degree that will count<br>The student must be graded as a graduate student in the courses listed below for the<br>graduate degree.<br>fix & Course Title<br>PECOSE See A-YEOV PLAN<br>the courses that double count are MCL major FR track core (FR 4 71 G 3hours), FR track<br>ditional elective hours students take to reach 120 hours (3 hours).<br>Idents complete 12 hours of MA work senior year: FR 6 and FR 7 depending on off<br>arly depend on offerings and year. French and Francophone Studies offers most grad  | t towards the gra<br>the course(s) to c<br>k electives <u>(</u> 6 hou<br>erings. The precis<br>luate courses as 6 | duate degree.<br>ount towards<br>Credit Hrs<br>urs) and/<br>se numbering w<br>500 or 700 court |
| Nur<br>*Th<br>add<br>Stu<br>cle               | 12         List below the 400G- and 500-level courses in the bachelor's degree that will count         The student must be graded as a graduate student in the courses listed below for the graduate degree.         fix & Course Title         PECOSE       See         PECOSE       See         A-YEON         he courses that double count are MCL major FR track core (FR 4 71 G 3hours), FR track         ditional elective hours students take to reach 120 hours (3 hours).         udents complete 12 hours of MA work senior year: FR 6 and FR 7 depending on off arly depend on offerings and year. French and Francophone Studies offers most grace of splits). | t towards the gra<br>the course(s) to c<br>k electives <u>(</u> 6 hou<br>erings. The precis<br>luate courses as 6 | duate degree.<br>ount towards<br>Credit Hrs<br>urs) and/<br>se numbering w<br>500 or 700 cours |

<sup>&</sup>lt;sup>2</sup> Prerequisite courses are completed prior to initiation of the USP, i.e. at the undergraduate level.

<sup>&</sup>lt;sup>3</sup> Concurrent enrollment courses are in progress, i.e. in which the student is be currently enrolled.

|  | fix &<br>nber   | Course Title   | Credit Hrs   | Course Type <sup>4</sup>  |
|--|---|--|--|---|
|  |   |  |  | Select one  |
| 4b                                       | Provide the Bulletin language for   | prerequisite or concurrent e   | nrollment courses.   |   |
| 5. A                                     | DMINISTRATION AND ASSESSMENT  | <b>发射的 新闻的 化化学和</b> 有  |  |   |
| 5a                                       | Describe how the proposed USP w<br>word limit)<br>Faculty members identify particula<br>Upon conferring with the student,<br>both to the University Scholars Pro<br>and the DGS cooperate as advisor<br>of timely graduation.   | arly strong students from the<br>the DUS and DGS prepare a<br>ogram and to the Graduate S  | eir classes and direct them t<br>n individual plan of study.<br>School. After the student is   | to the DUS and the DGS.<br>Then the student applies<br>admitted, both the DUS                           |
|  | Describe evaluation procedures for  | or the proposed USP. Include   | how to determine whethe  | r the USP is a success or a   |
| 5b                                       | failure. (250 word limit)   |  |  |   |
|  | Every year, while working on the g<br>Program. This evaluation includes<br>It is expected that all University Sc<br>progress toward degree. If this exp<br>evaluation of success is career pat<br>their qualifications, e.g. an approp<br>continuation of studies etc., the U | assessment of the progress<br>cholars should follow the des<br>pectation is fulfilled, the USP<br>th after graduation. If every b<br>priate high/middle school tec | of each and every Universit<br>igned plan of studies and n<br>meets established outcom<br>University Scholar obtains o<br>aching position, or enters a | y Scholars toward degree.<br>hake the anticipated<br>es. An additional tool for<br>job corresponding to |
| <u></u>                                  |   |  |  |   |
| 10 I I I I I I I I I I I I I I I I I I I | IISCELLANEOUS   |  | mentioned 2 /150   |   |
| 6a                                       | Is there anything else about the p  |  |  | -   |
|  | Please see attached four-year plan<br>year and two graduate classes are<br>distributed between the fall and th  | e taken in the spring of the se  |  |   |

<sup>&</sup>lt;sup>4</sup> Use the drop-down list to indicate if the course is a prerequisite or may be taken currently.

|    |   | Document st        | eps in the a | pprova  | I process b | pelow.                                  |
|----|---|--------------------|--------------|---------|-------------|---|
|    | Reviewing Group<br>Name                           | Date<br>Approved   | Contact      | Perso   | Name/Ph     | none/Email                              |
|    | (Within College) In addition                      | n to the informat  | ion below, d | ittach  | documenta   | ation of department and college approva |
| 7a |   |                    | nutes but ma | ay also | be an ema   | il from the unit heads reporting        |
|    | department- and college-le                        | ver voles.         | 1            |         | 1           |   |
|    | Jeanmarie Rouhier-<br>Willoughby, Chair,<br>MCLLC | 9/13/17            | Milena N     | Ainkov  | a / 7-5710  | / mmink2@uky.edu                        |
|    |   |                    | 1            |         | 1           |   |
|    |   |                    | /            |         | /           |   |
| 7b | (Collaborating and/or Affe                        | cted Units)        |              |         |             |   |
|    |   |                    | 1            |         | 1           |   |
|    |   |                    | 1            |         | 1           |   |
|    |   |                    | 1            |         | 1           |   |
|    |   |                    | 1            |         | /           | 1                                       |
| 7c | (Senate's Academic Counci                         | ls)                | Γ            | Date A  | oproved     | Contact Person Name                     |
|    | Health Care Colleges                              | Council (if applic | able)        |         |             |   |
|    | Graduate Council                                  |                    |              | 12/21   | /17         | Roshan Nikou                            |

4-YEAR CURRICULAR MAP Bachelor of Arts in French

| YEAR 1   | and the second second states where   |
|--|--|
| FALL<br>‡UK Core CC1<br>FR 101: Elementary French I UK Core HUM<br>UK Core SSC<br>UK 101<br>Total Credits: 14  | SPRING<br>UK Core CC2<br>FR 102: Elementary French II A&S SS<br>UK Core NPM<br>A&S NS<br>Total Credits: 16   |
| YEAR 2<br>FALL<br>FR 201: Intermediate French I UK Core ACR<br>UK Core QFO<br>A&S SS<br>Elective<br>Total Credits: 15  | SPRING<br>FR 202: Intermediate French II UK Core GDY<br>UK Core SIR<br>A&S Lab<br>A&S NS Elective<br>Total Credits: 14   |
| YEAR 3<br>FALL<br>FR 204: Introduction to French and Francophone Studies<br>FR 214: France Today OR FR 215: Visual Cultures<br>*300+ course outside French<br>*300+ course outside French<br>UK Core CCC Total Credits: 15 | SPRING<br>*300+ French course *300+ French course<br>*300+ French course Elective<br>*300+ course outside French<br>Total Credits: 15  |
| YEAR 4<br>FALL<br>*300+ French course / USP = FR 6<br>*300+ French course / USP FR6<br>*300+ course outside French *300+ course outside<br>French Elective<br>Total Credits: 15  | SPRING<br>MCL 495: Senior Paper<br>FR 410: French in Performance OR FR 425:<br>Media Studies FR 470G: Topical Seminar<br>FR 471G: Topical Seminar II / <b>USP FR 6</b><br>◊ Elective / <b>USP FR 7</b><br>◊ Elective Total Credits: 16 |

#### University Studies Program (USP) courses are in bold.

\*The courses that double count are MCL major FR track core (FR 471G 3hours), FR track electives (6 hours) and/ additional elective hours students take to reach 120 hours (3 hours).

Students complete 12 hours of MA work senior year: FR 6-- and FR 7-- depending on offerings. The precise numbering will clearly depend on offerings and year. French and Francophone Studies offers most graduate courses as 600 or 700 courses (not splits).

With 12 hours at the 6/700-level completed during the senior year, the M.A. in French and Francophone Studies can be completed in 1 additional year of study. Student must complete an additional 18 hours.

#### Master of Arts: French and Francophone Studies (with 12 credits form UG)

| YEAR 5 – M.A.                       | YEAR 5 – M.A.                       |
|-------------------------------------|-------------------------------------|
| FR/MCL 553: Teaching Methods Course | 3 additional 600/700 level courses, |

| +2 additional 600/700 level courses                |   |
|--|---|
| =9/ credits fall semester of 5 <sup>th</sup> year. | =9 credits spring semester of 5 <sup>th</sup> year. |
|  |   |

M.A. exam to be schedule during the spring semester and completed before May 15<sup>th</sup>.

Total 30 hours required.

## UNIVERSITY OF KENTUCKY

LEXINGTON, KENTUCKY 40506

GRADUATE SCHOOL

July 29, 1983

Dr. Phillip Duncan, Chairman Department of French 1015 Patterson Office Tower CAMPUS 00270

1

Dear Dr. Duncan:

The Graduate Council has approved your proposal for the University Scholars Program as submitted.

We are very pleased that your Department has chosen to participate in this program and hope that it will be helpful in attracting good students to your program.

Sincerely yours,

W. C. Royster

WCR:kh

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College of Arts and Sciences Office of the Dean

October 18, 2017

Dear Senate Council,

Based on the recommendation of the Senate Academic Programs Committee the Department of Physics and Astronomy requests University Senate approval of their existing University Scholars Program in Physics. The Graduate Council originally approved the USP on August 8, 1983.

There is no record of the proposal ever having approval by the Senate Council or the University Senate. It is not clear if the approval by the Graduate School dean was officially sanctioned by Senate or if this was a series of inadvertent errors.

As a result, we request that the University Senate approve the already existing University Scholars Program in Physics.

Sincerely,

Andelhort

Anna Bosch Associate Dean for Undergraduate Programs



202 Patterson Office Tower | Lexington, KY 40506 | P: 859-257-8354 | F: 859-323-1073 | www.as.ukv.edu

The University Scholars Program (USP) offers students the opportunity and challenge of integrating their undergraduate and graduate courses of study into a single, continuous program leading to both a baccalaureate and master's degree. The student's particular requirements will determine the amount of time needed to complete the program, but the two programs can be completed in less time than that required in a conventional program.

Once approved at the college level, your college will send the proposal to the Graduate Council (GC) for review and approval. (Requirements for the bachelor's degree must remain unchanged, so there is no review by the Undergraduate Council.) After approval by the GC, the GC will send your proposal to the Senate Council office for additional review via a committee and then to the Senate for approval. Once approved by the Senate, the Senate Council office will report approvals to the Provost, Registrar and other appropriate entities, including the contact person. The contact person listed on the form will be informed when the proposal has been sent to committee and other times as appropriate.

| 1. G | ENERAL INFORMATION  |                              |                              |                          |  |  |
|------|---|------------------------------|------------------------------|--------------------------|--|--|
| 1a   | Bachelor's major nam  | ne: Physics                  |                              |                          |  |  |
| 1b   | Bachelor's degree:  | Bachelor of Arts             | Bachelor of Science          | Other                    |  |  |
|      | If "Other," explain:  |                              |                              |                          |  |  |
| 1c   | Bachelor's degree ho  | me college: College of Arts  | and Sciences                 |                          |  |  |
| 1d   | Bachelor's degree ho  | me department/school: Ph     | nysics and Astronomy         |                          |  |  |
| 1e   | Graduate major name   | e: Physics                   |                              |                          |  |  |
| 1f   | Graduate degree:  | Master's of Arts             | Master's of Science 🗌 Master | r's of Education 🗌 Other |  |  |
|      | If "Other," explain:  |                              |                              |                          |  |  |
| 1g   | Graduate degree hon   | ne college: College of Arts  | and Sciences                 |                          |  |  |
| 1h   | Graduate degree home department/school: Physics and Astronomy   |                              |                              |                          |  |  |
| 1i   | Requested effective date: Semester after approval. OR Specific Date <sup>1</sup> :                                |                              |                              |                          |  |  |
| 1j   | Contact person name   | :: Renee Fatemi              | Email:                       | Phone:                   |  |  |
| 2. 0 | VERVIEW   |                              |                              |                          |  |  |
| 2a   | Provide a brief descri  | ption of the proposed USP. ( | 300 word limit)              |                          |  |  |
|      | The program allows particularly gifted and advanced undergraduate students to complete the requirements both      |                              |                              |                          |  |  |
|      | for a B.S. and an M.S. degree in five years. The University Scholars Program is a highly effective and beneficial |                              |                              |                          |  |  |

<sup>&</sup>lt;sup>1</sup> University Scholars Programs are typically made effective for the semester following approval. No program will be made effective unless all approvals, up through and including University Senate approval, are received.

opportunity for academic challenge and growth for students with a proven record of academic excellence. Participation in the USP does not change any undergraduate degree requirements, or any graduate degree requirements.

#### 2b Explain the need (e.g. market demand). (300 word limit)

This program was initially approved in 1983. Paperwork documenting that approval by the University Senate cannot be found, so it has been requested that we resubmit the program paperwork. The USP is important for attracting excellent students from all over the country to our university. Many students with strong high school academic records and proven academic excellence choose UK because of the opportunity to complete an MS degree together with their BS. The USP provides an opportunity for these students to pursue a Master's degree in Physics at an accelerated pace.

#### 2c Describe the target audience. (150 word limit)

Undergraduate students with a strong record of academic excellence, who are ready to take courses on a graduate level and to complete work designed for graduate students. Many of these students will enter UK with credit for prior learning, and who know at an early stage in their undergraduate career that they are interested in pursuing graduate work in physics.

| pursuing graduate work in physics.  |  |                  |
|---|--|------------------|
|   |  |                  |
| sic Requirements  |  | AS CONTRACT      |
| Check to confirm that the USP is open to undergraduates with senior standing who h hours of course work.  | ave complet  | ed at least 90   |
| Undergraduates must have satisfied all UK Core requirements prior to applying.<br>If "No," explain. ( <i>150 word limit</i> )   | Yes 🔀  | No               |
| Application to the USP is at the end of the student's junior year.<br>If "No," explain. ( <i>150 word limit</i> )   | Yes  | No X             |
| Students should follow the 4 year map attached for completing their UK Core Classes.  |  |                  |
| For admission to the USP, the undergraduate GPA is greater than or equal to 3.5 in the student's major (including cross-listed courses) and 3.2 overall.              | Yes 🔀  | No               |
| If "No," explain. (150 word limit)  |  |                  |
| Check box to confirm that application to the program will follow the current procedu<br>Graduate School, subject to the conditions in questions 3a through 3d, above. | ires for appli   | cation to the    |
|   |  |                  |
|   | <ul> <li>Sic Requirements</li> <li> Sic Check to confirm that the USP is open to undergraduates with senior standing who h hours of course work. </li> <li> Undergraduates must have satisfied all UK Core requirements prior to applying. If "No," explain. (150 word limit) </li> <li> Application to the USP is at the end of the student's junior year. If "No," explain. (150 word limit) Students should follow the 4 year map attached for completing their UK Core Classes. For admission to the USP, the undergraduate GPA is greater than or equal to 3.5 in the student's major (including cross-listed courses) and 3.2 overall. If "No," explain. (150 word limit) Scheck box to confirm that application to the program will follow the current procedu Graduate School, subject to the conditions in questions 3a through 3d, above. Scheck box to confirm that the USP is designed so that students will not take more the semester. (Permission to exceed that number is subject to approval by the Director of G</li></ul> | Sic Requirements |

4. Specific Course Requirements

| 4a                 |                        | o twelve (12) credit hours from the bachelor's degree ma<br>its from the undergraduate degree will count towards th                      |                                 | luate degr           | ee. How many             |  |
|--------------------|------------------------|--|---------------------------------|----------------------|--------------------------|--|
|                    | 12                     |  | -                               |                      |                          |  |
|                    |                        |  |                                 |                      |                          |  |
| 4b                 | The                    | pelow the 400G- and 500-level courses in the bachelor's o<br>student must be graded as a graduate student in the cou<br>graduate degree. |                                 | 1.000                | -                        |  |
|                    | Prefix & Course Title  |  |                                 |                      | Credit Hrs               |  |
|                    | Please see 4-year plan |  |                                 |                      |                          |  |
|                    |                        |  |                                 |                      |                          |  |
|                    |                        |  |                                 |                      |                          |  |
|                    |                        |  |                                 |                      |                          |  |
|                    |                        |  |                                 |                      |                          |  |
|                    |                        |  | TOTAL NUMBER OF CREDIT          | HOURS:               | 12                       |  |
|                    |                        |  |                                 |                      |                          |  |
| 4a.                |                        | s the USP involve prerequisite courses <sup>2</sup> or concurrent enr<br>ses?  | ollment <sup>3</sup> in certain | Yes                  | No 🖂                     |  |
|                    | If "۱                  | es," please list the courses below.  |                                 |                      |                          |  |
| Prefix &<br>Number |                        | Course Title   | Credit Hrs                      | Co                   | Course Type <sup>4</sup> |  |
|                    |                        |  |                                 | Select o             | one                      |  |
|                    |                        |  |                                 |                      | ct one                   |  |
|                    |                        |  |                                 | Select o             |                          |  |
|                    |                        |  |                                 | Select o<br>Select o |                          |  |
|                    |                        |  |                                 | Select o             |                          |  |
|                    |                        |  |                                 | Select o             |                          |  |
|                    |                        |  |                                 | Select o             | ne                       |  |
|                    |                        |  |                                 | Select o             |                          |  |
|                    |                        |  |                                 | Select o             | ne                       |  |
| 4b                 | Pro                    | ide the Bulletin language for prerequisite or concurrent e   | enrollment courses              |                      |                          |  |
| 40                 | 110                    | are the partern tanguage for prerequisite of concurrent e  |                                 |                      |                          |  |
|                    |                        |  |                                 |                      |                          |  |
| 5. A               | OMIN                   | STRATION AND ASSESSMENT  |                                 |                      |                          |  |

<sup>&</sup>lt;sup>2</sup> Prerequisite courses are completed prior to initiation of the USP, i.e. at the undergraduate level.

<sup>&</sup>lt;sup>3</sup> Concurrent enrollment courses are in progress, i.e. in which the student is be currently enrolled.

<sup>&</sup>lt;sup>4</sup> Use the drop-down list to indicate if the course is a prerequisite or may be taken currently.

5a Describe how the proposed USP will be administered, including admissions, student advising, retention, etc. (150 word limit)

The USP will be administered by the Physics Department. Faculty members identify particularly strong students from their classes in dividual plan of study. The student applies to both the USP and to the Graduate School. After the student has been admitted, both the DUS and DGS work together with the common goal of the student completing the path of studies for a timely graduation.

5bDescribe evaluation procedures for the proposed USP. Include how to determine whether the USP is a success or a<br/>failure. (250 word limit)

Every year, while working on the graduate assessment, the program evaluates the state of the University Scholars Program. This evaluation includes assessment of the progress of each and every USP student towards a degree. It is expected that all USP students should follow the designed plan of study and make the anticipated progress toward the degree. If this expectation is fulfilled, the USP meets the established outcomes. Additional, we will evaluate the success of the program by the career path after graduation.

6. MISCELLANEOUS

6a Is there anything else about the proposed USP that should be mentioned? (150 word limit)

| 7. A | PPROVALS/REVIEWS   |                      |              |         |          |                |        |         |
|------|--|----------------------|--------------|---------|----------|----------------|--------|---------|
|      |  | Document step        | s in the app | roval p | rocess b | elow.          |        |         |
|      | Reviewing Group<br>Name  | Date<br>Approved     | Contact Pe   | rson N  | ame/Ph   | one/Email      |        |         |
| 7a   | (Within College) In addition to the information below, attach documentation of department and college approval.<br>This typically takes the form of meeting minutes but may also be an email from the unit heads reporting<br>department- and college-level votes.<br>Physics DUS/DGS 10/17 / Pener Fatemi / Chric Crawfor<br>Physics + Aftronomy 10/17 / Al Shapere |                      |              |         |          |                |        |         |
|      | Physics DUS/   | DGIS 10/17           | /            | /       | Zener    | e fatemi       | Unic   | Crawfin |
|      | Physics + t  | (tronomy in          | 112 /        | /       | AI       | snopere        | 1      |         |
|      | Devalament   | Chair                | // /         | /       |          |                |        |         |
|      |  |                      | /            | /       |          |                |        |         |
| 7b   | (Collaborating and/or Affe   | cted Units)          |              |         |          |                |        |         |
|      |  |                      | /            | 1       |          |                |        |         |
|      |  |                      | 1            | 1       |          |                |        |         |
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|      |  |                      | /            | /       |          |                |        |         |
| 7c   | (Senate's Academic Councils)   |                      | Dat          | e App   | roved    | Contact Persor | n Name |         |
|      | Health Care Colleges   | Council (if applicab | le)          |         |          |                |        |         |
|      | Graduate Council   |                      |              |         |          |                |        |         |

#### University Scholars Program is for BS students only

#### Year 1:

Fall ‡UK Core CC1 (3) UK Core QFO (MA113: Calculus I AND MA 193: Supp.Math Workshop I) (5) UK Core NPM (PHY 231: General Univ. Physics I) (4) UK Core NPM (PHY 241: General Univ. Physics Lab I) (1) CHE 105: General Chemistry I (4) Total Credits: 17 Spring UK Core CC2 (3) MA 114: Calculus II AND MA 194: Supp. Math Workshop II (5) PHY 228: Optics, Relativity and Thermal Physics (3) CHE 107: General Chemistry II (3) CS 115: Intro to Programming (OR 200+ Related Elective) (3) Total Credits: 17

#### Year 2:

Fall

Foreign language 101 (4) A&S NS (PHY 232: General Univ. Physics II) (4) A&S Lab (PHY 242: General Univ. Physics Lab II) (1) PHY 335: Data Analysis for Physicists (2) MA 213: Calculus III (4) Total Credits: 15 **Spring** Foreign language 102 (4) UK Core SIR (STA 210: Intro to Statistical Reasoning) (3) MA 214: Calculus IV (3) PHY 306: Theoretical Methods of Physics (3) PHY 361: Principles of Modern Physics (3) Total Credits: 16

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## Year 3:

Fall Foreign language 201 (3) UK Core ACR (3) PHY 404G: Mechanics (3) PHY 416G: Electricity and Magnetism I (3) MA 322: Matrix Algebra (OR 200+ Related Elective) (3) Total Credits: 15 Spring Foreign language 202 (3) UK Core HUM (3) UK Core SSC (3) PHY 417G: Electricity and Magnetism II (3) AST/PHY 395, PHY 435 or PHY 508 (3) Total Credits: 15

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### Year 4:

Fall UK Core GDY (3) A&S SS (3) PHY 402G: Electronic Instrumentation (OR Additional Physics Lab Requirement) (3) PHY 520: Introduction to Quantum Mechanics (3) ◊ Elective 3 Total Credits: 15 Spring UK Core CCC (3) A&S HUM (PHI 200+) (3) PHY 521: Introduction to Quantum Mechanics II (3) PHY 535 (GCCR): Advanced Physics Laboratory (3) ◊ Elective (3) Total Credits: 15

## Year 5:

#### Fall

Any PHY 500 level course PHY 5XX (3) Any PHY course of 600 or above PHY 6XX / PHY7XX (3) Any PHY course of 600 or above PHY 6XX / PHY7XX (3) Total Credits: 9

## Spring

Any PHY course of 600 or above PHY 6XX / PHY7XX (3) Any PHY course of 600 or above PHY 6XX / PHY7XX (3) Any PHY course of 600 or above PHY 6XX / PHY7XX (3)

Oral final examination at the end of the semester Total Credits: 9

#### UNIVERSITY OF KENTUCKY

LEXINGTON, KENTUCKY 40506

GRADUATE SCHOOL

August 8, 1983

Dr. Marcus McEllistrem Department of Physics and Astronomy 177 Chemistry-Physics Building CAMPUS 00552

Dear Dr. McEllistrem:

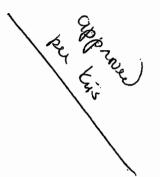
The Graduate Council considered the request for participation in the University Scholars Program as submitted with one suggestion. That is, Item IIIC could be more appropriately located in the section on admissions since IIIC is concerned with entrance into the program.

We are very pleased that your Department has chosen to participate in this program and hope that it will be helpful in attracting good students to your program.

Sincerely yours,

C. Royster W.

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#### AN EQUAL OPPORTUNITY UNIVERSITY

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