

Date Submitted: 01/07/20 11:30 am

Viewing: **0112 : Computer Science**  
**Minor**

Last approved: 04/11/19 2:26 pm

Last edit: 01/21/20 9:15 am

Changes proposed by: Brooke Newell

[Computer Science Minor](#)

Catalog Pages  
Using this  
Program

### In Workflow

1. **U Program Review**
2. **1434 Head**
3. **KP Committee Chair**
4. **KP Dean**
5. **University Librarian**
6. **Provost**
7. **Senate EPC**
8. Senate
9. U Senate Conf
10. Board of Trustees
11. IBHE
12. DMI

### Approval Path

1. 01/07/20 11:51 am  
Deb Forgacs (dforgacs):  
Approved for U Program Review
2. 01/08/20 10:42 pm  
Elsa Gunter (egunter):  
Approved for 1434 Head
3. 01/10/20 8:45 am  
Michael Hirschi (mch): Approved for KP Committee Chair
4. 01/10/20 8:47 am  
Candy Deaville (candyd):  
Approved for KP Dean
5. 01/10/20 9:47 am  
John Wilkin

- (jpwilkin):  
Approved for  
University  
Librarian
6. 01/13/20 11:50  
am  
Kathy Martensen  
(kmartens):  
Rollback to KP  
Committee Chair  
for Provost
7. 01/13/20 12:35  
pm  
Michael Hirschi  
(mch): Approved  
for KP Committee  
Chair
8. 01/13/20 1:25 pm  
Candy Deaville  
(candyd):  
Approved for KP  
Dean
9. 01/13/20 3:06 pm  
John Wilkin  
(jpwilkin):  
Approved for  
University  
Librarian
10. 01/13/20 4:05 pm  
Kathy Martensen  
(kmartens):  
Approved for  
Provost

## History

1. Apr 11, 2019 by  
Deb Forgacs  
(dforgacs)

## Proposal Type

Proposal Type:  
Minor (ex. European Union Studies)

This proposal is  
for a:

**Revision**

Proposal Title:

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

**Clarifying information within the existing framework. ~~course lists~~**

EP Control Number **EP.20.78**

Official Program Name Computer Science Minor

Effective Catalog Term Fall 2020

Sponsor College Grainger College of Engineering

Sponsor Department Computer Science

Sponsor Name

Sponsor Email

College Contact

College Contact  
Email

**Program Description and Justification**

Justification for proposal change:

**Updates for Academic Catalog 2020-21**

Is this program interdisciplinary?

No

Is this minor?

A Comprehensive study in a single discipline

Academic Level Undergraduate

CIP Code

Is This a Teacher Certification Program?

No

Will specialized accreditation be sought for this program?

No

## Enrollment

Will the department limit enrollment to the minor?

No

Describe how the department will monitor the admission to/enrollment in the minor.

Are there any prerequisites for the proposed minor?

No

Describe how this revision will impact enrollment and degrees awarded.

## Delivery Method

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

This program is available:

On Campus

Other than certification via the students' degree audits, is there any additional planned mechanism to award/honor successful completion of the minor?

No

## Budget

Are there budgetary implications for this revision? No

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

No

Additional Budget Information

Attach File(s)

## Resource Implications

### Facilities

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

No

### Technology

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

No

### Non-Technical Resources

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

No

## Resources

### Library Resources

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

**None.**

### Instructional Resources

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

No

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

No

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

No

## Financial Resources

How does the unit intend to financially support this proposal?

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

No

Attach letters of support

## Program Regulation and Assessment

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

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

No

## Program of Study

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

An undergraduate minor should consist of at least 16 - and no more than 21 hours - of course work, with at least 6 hours of 300- or 400- level courses. Except clearly remedial offerings, prerequisite courses within the sponsoring unit count towards the total; prerequisite courses outside the sponsoring unit do not count toward this total. The unit sponsoring the minor and that unit's college may set educationally necessary prerequisites for eligibility for the minor within these constraints. Does this proposal meet these criteria?

Yes

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

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

Catalog Page Text

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

Statement for Programs of Study Catalog

### Course List

Code	Title	Hours
<b>The following three courses are required: 1</b>		<b>11</b>

<a href="#">CS 125</a>	Intro to Computer Science 2	
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<a href="#">CS 173</a>	Discrete Structures 2	
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<a href="#">CS 225</a>	Data Structures 2	
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~~Three courses, including at least one at the 400 level, chosen from a departmentally approved list below: 9~~

**Three courses, including at least one at the 400 level, chosen from the departmentally approved list below. These courses must be taken as University of Illinois credit (though one may be taken in a Study Abroad program). Students may apply 2-3 of the additional courses from among the 400-level offerings: 9**

<a href="#">CS 233</a>	Computer Architecture	
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<a href="#">CS 241</a>	System Programming 2	
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<a href="#">CS 357</a>	Numerical Methods I	
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<a href="#">CS 374</a>	Introduction to Algorithms & Models of Computation	
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~~Any course number between and including CS 410 and CS 498 except CS 413, CS 491, CS 492, CS 493, CS 494~~

**Any CS course between and including [CS 410](#) and [CS 498](#) except [CS 413](#), [CS 491](#), [CS 492](#), [CS 493](#), [CS 494](#)**

*1 Transfer equivalents of CS 125, CS 173 and/or CS 225 may satisfy these requirements – even if the number of credits for the transfer courses do not equal that for the UIUC equivalents – as long as the student completes at least 18 total credit hours, minimum, for the minor.*

**2 The following substitutions are allowed: [ECE 220](#) for [CS 125](#); [MATH 213](#) for [CS 173](#); and [ECE 391](#) for [CS 241](#).**

**3 Students must submit a course modification for any study abroad course used in this category.**

~~The foundation upper level courses in computer programming and software and in theory of computation are required. Three elective 200 and 300 level courses provide some specialization and depth and breadth of study. Specific requirements are listed below. Note that some courses have other prerequisites.~~

## EP Documentation

Attach

Rollback/Approval

Notices

# DMI Documentation

Attach Final  
Approval Notices

Banner/Codebook

Name

Computer Science

Program Code: 0112

Minor 0112

Code

Conc

Code

Degree

Code

Major

Code

Senate Approval

Date

Senate

Conference

Approval Date

BOT Approval

Date

IBHE Approval

Date

Effective Date:

Attached  
Document

Justification for  
this request

Program Reviewer  
Comments

**Deb Forgacs (dforgacs) (01/07/20 11:29 am):** Rollback: requested

**Kathy Martensen (kmartens) (01/13/20 11:50 am):** Rollback: Email exchange.

Key: 110