

Program Change Request

Date Submitted: 01/20/17 4:31 pm

Viewing: **CSEMS : Computer Science, ~~Master of Science~~**

Last approved: 01/22/16 5:32 pm

Last edit: 01/25/17 1:41 pm

Changes proposed by: srh

In Workflow

1. ENGR Dean Initial
2. GRAD Dean Initial
3. Provost Initial
4. Director of Program Assessment and Review
5. Registrar Initial
6. Institutional Research
7. CSCE Chair
8. ENGR Curriculum Committee
9. ENGR Faculty
10. ENGR Dean
11. Global Campus
12. Provost Review
13. University Course and Program Committee
14. Graduate Committee
15. Faculty Senate
16. Provost Final
17. Provost's Office-- Documentation sent to System Office
18. Higher Learning Commission
19. Board of Trustees
20. ADHE Final
21. Provost's Office-- Notification of Approval
22. Registrar Final
23. Catalog Editor Final

Approval Path

1. 01/20/17 4:38 pm
ndennis: Approved for ENGR Dean Initial
2. 01/20/17 4:51 pm
pkoski: Approved for GRAD Dean Initial
3. 01/22/17 7:07 am
tmartin: Approved for

- Provost Initial
4. 01/25/17 1:42 pm
agriffin: Approved for
Director of Program
Assessment and
Review
 5. 01/30/17 10:44 am
lkulcza: Approved for
Registrar Initial
 6. 01/30/17 11:07 am
ggunderm: Approved
for Institutional
Research
 7. 02/07/17 10:13 am
gordonb: Approved
for CSCE Chair
 8. 02/07/17 2:04 pm
rossetti: Approved for
ENGR Curriculum
Committee
 9. 02/07/17 3:41 pm
ndennis: Approved for
ENGR Faculty
 10. 02/07/17 3:49 pm
ndennis: Approved for
ENGR Dean
 11. 02/07/17 4:35 pm
kbible: Approved for
Global Campus
 12. 02/08/17 9:02 am
tmartin: Approved for
Provost Review

History

1. Jul 16, 2015 by calison
2. Nov 24, 2015 by
calison
3. Nov 24, 2015 by
lkulcza
4. Jan 22, 2016 by
calison

Catalog Pages Using this
Program

[Computer Science and Computer Engineering \(CSCE\)](#)

Submitter: User ID: calison
Phone: 575-6731

Academic Level Graduate

Select a reason CIP Code Change Request--(LON 1C)

for the
proposed
change:

Program Status Active

Academic Unit Major/Field of Study

Are you adding, changing or deleting a concentration? No

Action	Proposed Code	Proposed Name

Are you adding, changing or deleting a track? No

Action	Proposed Code	Proposed Name

Are you adding, changing or deleting a focused study? No

Action	Proposed Code	Proposed Name

Effective
Catalog Year

Fall 2018 Summer 2014

College, School,
Division

College of Engineering (ENGR)

Department
Code

Department of Computer Science and Computer Engineering (CSCE)

Program Code

CSCEMS

Degree

Master of Science in Computer Science

CIP Code

11.0701 ~~11.0101~~ - Computer Science. ~~Computer and Information Sciences, General.~~

Program Title

Computer ~~Science, Master of~~ Science

Method of
Delivery

On Campus

Is this program
interdisciplinary
or use courses
from another
College?

No

Does this
change the
total hours
needed to
complete the
program?

No

Program Requirements, Description and 8-Semester Plan

Master of Science in Computer Science (M.S.C.S.) ~~(M.S.)~~

Degree Requirements: The *thesis option* (30 hours) requires the successful completion of at least six credit hours of [CSCE 610V Master's Thesis \(Sp, Fa\)](#), ~~CSCE 610V Master's Thesis (Sp, Fa)~~, plus 24 credit hours of course work approved by the candidate's advisory committee. At least 15 of the 24 hours must be CSCE courses at the 5000 level. The remaining nine hours may include no more than six hours of transfer work, three hours of individual study, six hours from outside the department, and nine hours of courses at the 4000 level.

All master's students completing the thesis option must pass an oral examination and defense of the thesis in, at most, two **attempts**. ~~attempts. The first attempt may not occur before all of the following qualifying conditions have been satisfied. The first attempt may not occur before all of the following qualifying conditions have been satisfied:~~

- Candidate has completed at least 21 hours that are applicable toward the degree;
- Candidate is currently enrolled in [CSCE 610V](#).
- Candidate's cumulative grade-point average on all graduate-level courses is 3.0 or higher;
- Any deficiencies assigned upon admission to the program have been removed; Candidate must be continuously enrolled, except for summers, until the thesis is defended.

The final exam is comprehensive; a portion of the exam will be devoted to questions concerning courses completed by the student. Another portion of the exam will be directed toward a defense of the thesis. Reading copies of the thesis should be delivered to members of the Thesis Committee at least two weeks prior to undertaking the final examination. If a student is unsuccessful, the Program of Study committee may recommend that the examination be repeated. If so, the requirements to be satisfied prior to reexamination will be stipulated and a time limitation specified.

All other conditions that have been specified by the student's advisory or thesis committee must be satisfied.

The *course work* option requires the successful completion of 33 credit hours of course work approved by the candidate's graduate committee. At least 21 of the 33 hours must be CSCE courses at the 5000 level. The remaining twelve hours may include no more than six hours of transfer work, three hours of individual study, six hours from outside the department, and nine hours of courses at the 4000 level.

All master's students completing the course work option must pass an oral examination of the course work in the final semester of enrollment of graduate-level courses and the following conditions have been satisfied:

1. The candidate's cumulative grade-point average on all graduate-level courses is 3.0 or higher.
2. Any deficiencies assigned upon admission to the program have been removed.

Students who complete a B.S. degree in CSCE at the University of Arkansas, Fayetteville, with a cumulative GPA of 3.5 or greater may count up to six hours of CSCE graduate-level course work (5000 level) completed as an undergraduate student towards the graduate degree. Students must submit the "Request for Retroactive Graduate Credit" form to the Graduate coordinator in their first semester of graduate study.

Students should also be aware of Graduate School requirements with regard to [master's degrees](#).

Grade Requirements: Students in the master's program in Computer Science or Computer Engineering must maintain grades at the B level or higher. Should a student receive a grade of C or lower, the student must immediately contact the student's adviser and the Graduate Coordinator to discuss the consequences and options available. The graduate adviser and the CSCE graduate program coordinator will select the student's classes for the following semester. If a second grade lower than B is received the student will be terminated from the program. The student may appeal the termination to the Graduate Studies Committee. If the student is allowed to remain in the program the student should expect to be required to repeat one or more classes in which a grade less than B was received as well as other possible requirements.

Are Similar Programs available in the area?	No
Estimated Student Demand for Program:	NA
Scheduled Program Review Date:	NA
Program Goals and Objectives:	NA
Learning Outcomes:	NA
Description and justification of the request:	<p>The CSCE Department is requesting the CIP Code change to 11.0701 Computer Science to accurately reflect the definition of the degree. The old CIP Code 11.0101 Computer and Information Sciences, General is too broad a definition of our degree programs (BS in Computer Science). Additionally, the diplomas our students receive only state that they received a Master of Science degree and does not mention that the degree was in computer science. With this requested change the degree would become "Master of Science in Computer Science". Adding the appropriate titles to the diplomas students are awarded would be greatly appreciated by our graduates and future alumni.</p> <p>Attached also is LON 1 requesting a name change for the degree.</p>
Program reviewer comments	<p>ndennis (01/20/17 10:32 am): Rollback: It seems that you only need LON 1c and if you need both the justification should be that present in 1c. You also need to provide the course/catalog descriptions of all courses in the MSCS program and report on any core or required courses in the program, per instructions in item 11 or LON 1c</p> <p>pkoski (01/20/17 4:51 pm): I took out a word that was not intended by the department and confused the description/justification of the request.</p> <p>agriffin (01/25/17 10:36 am): Changed effective catalog year from 2017 to fall 2018 (it is too late to receive approval from ADHE for catalog copy of 2017). Changed degree and program title - with advice from Registrar's Office. Updated program code in catalog copy and adjusted spacing on one line.</p> <p>agriffin (01/25/17 1:12 pm): Revised LONs to include updated effective date, definitions for CIP codes, curriculum, etc.</p> <p>agriffin (01/25/17 1:41 pm): Edited degree code information on LON 1c.</p>
Uploaded attachments:	<p>Grad-Course-descriptions.docx</p> <p>CSEMS - Name Change - Ltr of Notfication.docx</p> <p>CSEMS - CIP Code Change - Ltr of Notification.docx</p>