

## COMPUTATIONAL SCIENCE AND ENGINEERING (CSE)

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### CSE.900 Doctoral Seminar in Computational Science and Engineering

Prereq: None  
G (Fall)  
1-0-2 units

Interdisciplinary seminar explores diverse topics in computational science and engineering (CSE), featuring talks from Institute faculty and external speakers. Surveys current research in CSE methodologies and applications. Discusses important open research areas, as well as the ethical context and implications of research advances in CSE. Priority to first-year CSE PhD students.  
*Staff*

### CSE.999 Experiential Learning in Computational Science and Engineering

Prereq: None  
G (Summer)  
Units arranged  
Can be repeated for credit.

For graduate students in Center for Computational Science and Engineering (CCSE) programs participating in curriculum-related off-campus experiential learning opportunities in computational science and engineering and related areas. Students are responsible for arranging the experiential learning opportunity. Prior to enrolling, students must contact the CCSE Academic Administrator for procedures and restrictions and must verify their arrangements by submitting a memo or email from the sponsoring organization along with MIT advisor endorsement to the CCSE Academic Administrator. Upon completion of the training experience students are required to submit a letter from the experiential advisor describing the goals accomplished along with a substantive final report for review and grading by the MIT advisor.  
*Staff*

### CSE.C20[J] Introduction to Computational Science and Engineering

Same subject as 9.C20[J], 16.C20[J], 18.C20[J]  
Prereq: 6.100A; Coreq: 8.01 and 18.01  
U (Fall, Spring)  
2-0-4 units  
Credit cannot also be received for 6.1000, 6.100B

See description under subject 16.C20[J].  
*D. L. Darmofal, N. Seethapathi*

### CSE.IND Independent Study

Prereq: None  
G (Fall, IAP, Spring, Summer)  
Units arranged  
Can be repeated for credit.

Opportunity for independent study or experiential learning, under regular supervision by a faculty member. Projects require prior approval.

*Staff*

### CSE.S99 Special Subject in Computational Science & Engineering

Prereq: None  
G (Fall, IAP, Spring, Summer)  
Not offered regularly; consult department  
Units arranged

Covers subject matter not offered in the regular curriculum. Consult CCSE to learn of offerings for a particular term.

*Staff*

### CSE.THG Graduate Thesis

Prereq: Permission of instructor  
G (Fall, IAP, Spring, Summer)  
Units arranged  
Can be repeated for credit.

Program of research and writing of thesis for Computational Science and Engineering (CSE) graduate students; to be arranged by the student in conjunction with the faculty advisor, with CCSE approval.

*Staff*