

Course Change Request

Date Submitted: 04/10/18 12:57 pm

Viewing: **CDS 230 : Modeling and Simulation I**

Transfer Course(s): CDS U230

Last edit: 04/10/18 12:57 pm

Changes proposed by: mrenz

Catalog Pages
referencing this
course

[Computational and Data Sciences \(CDS\)](#)

[Department of Computational and Data Sciences](#)

Select modification type:

Simple

In Workflow

1. **CDS Chair**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Registrar-Courses
5. Banner

Approval Path

1. 04/10/18 1:08 pm
Jason Kinser
(jkinser): Approved
for CDS Chair

Are you completing this form on someone else's behalf?

No

Effective Term: Fall 2018

Subject Code: CDS - Computational and Data Sciences

Course Number:
230

Bundled Courses:

Equivalent
Courses:

Catalog Title: Modeling and Simulation I

Banner Title: Modeling and Simulation I

Will section titles
vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week:

Repeatable: May only be taken once for credit (NR)

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):
CDS 130 or permission of instructor.

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?	

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog Description:

This course expands upon the foundation provided by CDS 130. Fundamental computational modeling techniques are used in a variety of **science and engineering disciplines**. ~~disciplines with special emphasis on biological systems~~. Continued development of algorithmic thinking skills will be done using different computational environments.

Justification:

Providing modeling techniques for a larger range of applications, not just for biology.

Does this course cover material which crosses into another department? No

Learning Outcomes:

**Attach Syllabus
(PDFs only)**

**Additional
Attachments (PDFs
only)**

**Specialized Course
Categories:**

**Additional
Comments:**

**Reviewer
Comments**