

# COMP&DATA-ENABLED SCI AND ENG (CDSE)

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## **CDSE 700 SEM N COMP DATA SCI & ENG (1-3 Hours)**

Prerequisite: CDSE Ph.

Computational Data-enabled Science & Engineering (CDS&E). Covers Trends and challenges in Computational Data-Enabled Science and Engineering (CDS&E) and occupational outlook. A student seminar forum on contemporary topics and issues in CDS&E designed for survey of CDS&E literature. The student will be required to prepare and present reports and assigned projects. D, students.

## **CDSE 701 INT N COMP DATA SCI & ENG (1-3 Hours)**

Prerequisite: CDSE Ph.

Internship in Computational Data-Enabled Science and Engineering (CDS&E). Covers Industrial Internships training in Computational Data-Enabled Science and Engineering (CDS&E) and occupational outlook in a specific concentration track of the CDS&E Ph.D. program. This include summer (or an academic term(s) of internship or research participation with industry, research laboratories or other academic research centers. The student will be required to prepare and present reports and assigned projects based on the activities of the internships. D, students.

## **CDSE 702 CURRENT TRENDS IN CDS&E (1-3 Hours)**

Prerequisite: CDSE Ph.

Current Trends in Computational Data-Enabled Science and Engineering (CDS&E). Covers Topics in Computational Data-Enabled Science and Engineering (CDS&E) specific to a concentration track of the CDS&E Ph.D. program that are not covered in the regularly listed courses to fit the research interest of the student. D, students.

## **CDSE 899 DISSERTATION RESEARCH (1-9 Hours)**

Prerequisite: permission of advisor.

Dissertation representing independent and original research in the area of Computational Data-Enabled Science and Engineering (CDS&E) Ph.D. disciplinary program concentration tracks.