CHEM 541 A: Data Science and Materials Informatics

Meeting Time: MWF 1:30pm - 2:20pm

Location: **

SLN: 23629

Joint Sections:
2020,autumn,CHEM,541,B
2020,autumn,MSE,477,A
2020,autumn,CHEM,441,A
2020,autumn,MSE,542,A

Instructor: Ting Cao

Catalog Description:
Introduction to data science approaches and their applications to materials science research. Basic skills in data mining, data processing, and machine learning for materials research topics using Python taught through case studies and other methodologies. Prerequisite: either CHEM E 545/CHEM 545/MSE 545 (or equivalent), CHEM E 546/CHEM 546/MSE 546 (or equivalent), or proof of proficiency in Python. Offered: jointly with MSE 542.

Credits: 3.0

Status: Active

Section Type: Lecture

Last updated: September 23, 2020 - 10:00pm

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