# Computer Science

**CS 225  Data Structures**  credit: 4 hours.

Data abstractions: elementary data structures (lists, stacks, queues, and trees) and their implementation using an object-oriented programming language. Solutions to a variety of computational problems such as search on graphs and trees. Elementary analysis of algorithms. Prerequisite: CS 125 or ECE 220; CS 173 or MATH 213.

Students must register for one lecture-discussion and one lecture section.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II

<table>
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<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
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Quantitative Reasoning II course.
Restricted to Engineering.
For up-to-date information about CS course restrictions, please see the following link: http://go.cs.illinois.edu/CSregister

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Quantitative Reasoning II course.

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Quantitative Reasoning II course.

LAPTOP LAB SECTION -- Student are required to bring their own computer to this lab section.
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Departmental Approval Required
Restricted to ZJU Institute