coursector

A UW course discovery and comparison tool

Finding Good Courses Can Be Hard

Too Many Choices

With so many courses to choose from, the decision can be overwhelming, especially early on in an academic career. It's often hard to know where to start looking.
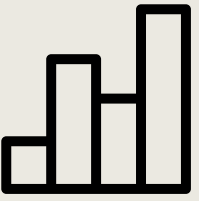
Ever-changing Needs

A student's academic needs can vary significantly between quarters, and they evaluate major requirements and general education courses by a different set of criteria.
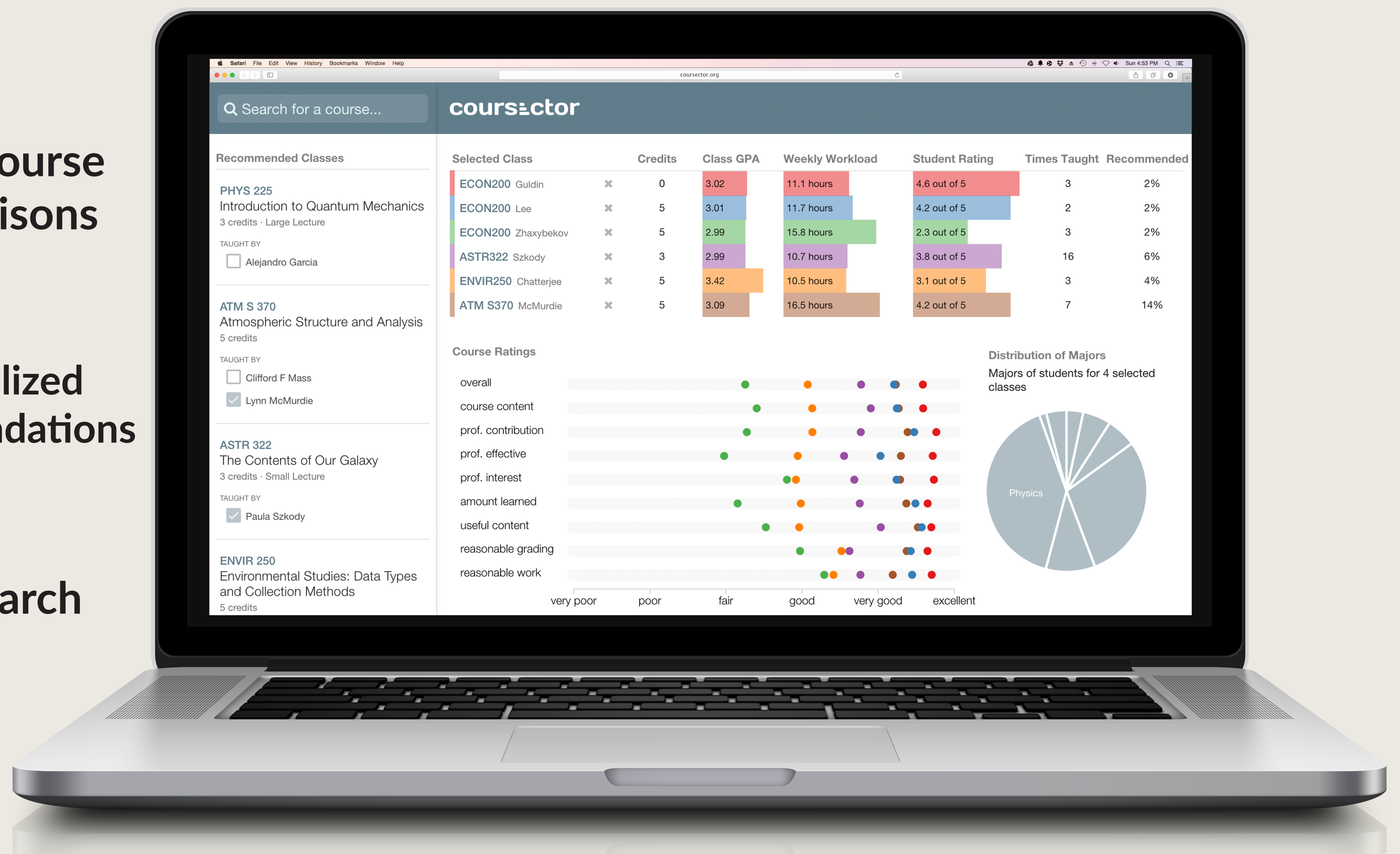
Inadequate Information

Students currently ask their friends or use sites like Rate My Professor, but these resources depend on information that is often incomplete, unreliable, and anecdotal.

With Coursector, It's Easy

Visual Course Comparisons

Personalized Recommendations

Fast Search

How The Recommendations Work

Use Case Scenario:
Current Quarter: Spr 2015
Registering For: Aut 2015

User's current courses

Course A
Course B
Course C

Step 1:
Look back to same quarter of previous year (Spr 2014)

35 students

Step 2:
Create set of all students who took Course A in **Spr 2014**

A 35 | 5 | 25 1

A 35 | 30 2

A 35 | 15 | 30 3

Step 3:
Find the intersection of Course A with each course in the following quarter of the previous year (Aut 2014)

Step 4:
Rank sort the Aut 14 courses by dividing the intersection by the size of set A

Course 3 42%
Course 1 14%
Course 2 0%

Repeat steps 1-4
for courses B and C and combine the results into a master list of recommendations

Colin Greene | Mike Kelly | Prerak Pradhan | Nishant Sinha

Information School
UNIVERSITY of WASHINGTON