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Open Educational Resources: Solving the Textbook Cost Crisis

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OPEN EDUCATIONAL RESOURCES: solving the textbook cost crisis

Faculty Development Workshop | October 26, 2016 | Dominican University of California

Except where otherwise noted...



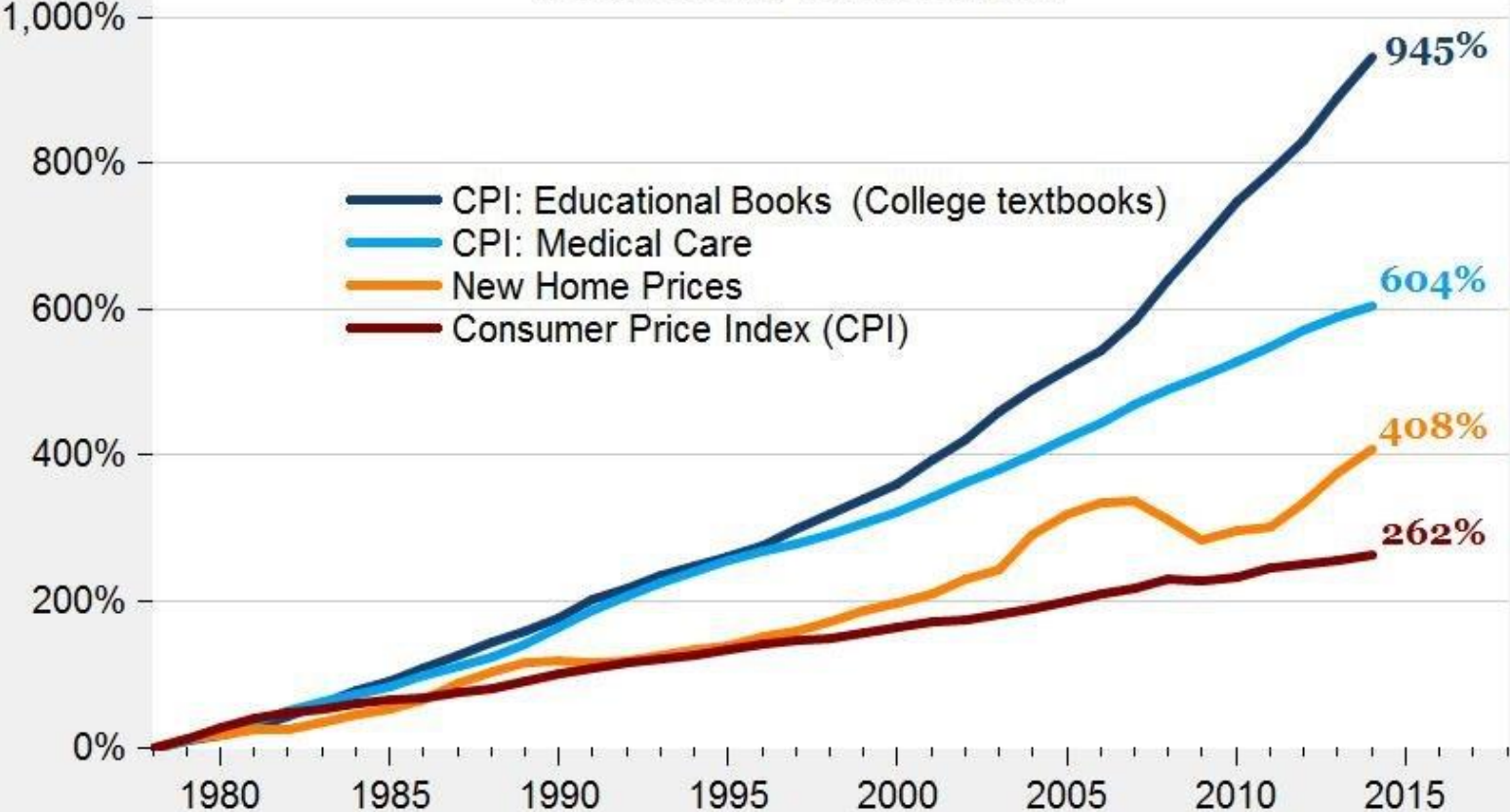
OPEN  **International**
ACCESS WEEK

LEARN. SHARE. ADVANCE.

Textbooks are
expensive

Annual Percent Changes From 1978 for Educational Books, Medical Care, New Home Prices, and the CPI through 2014

Sources: BLS, Census Bureau



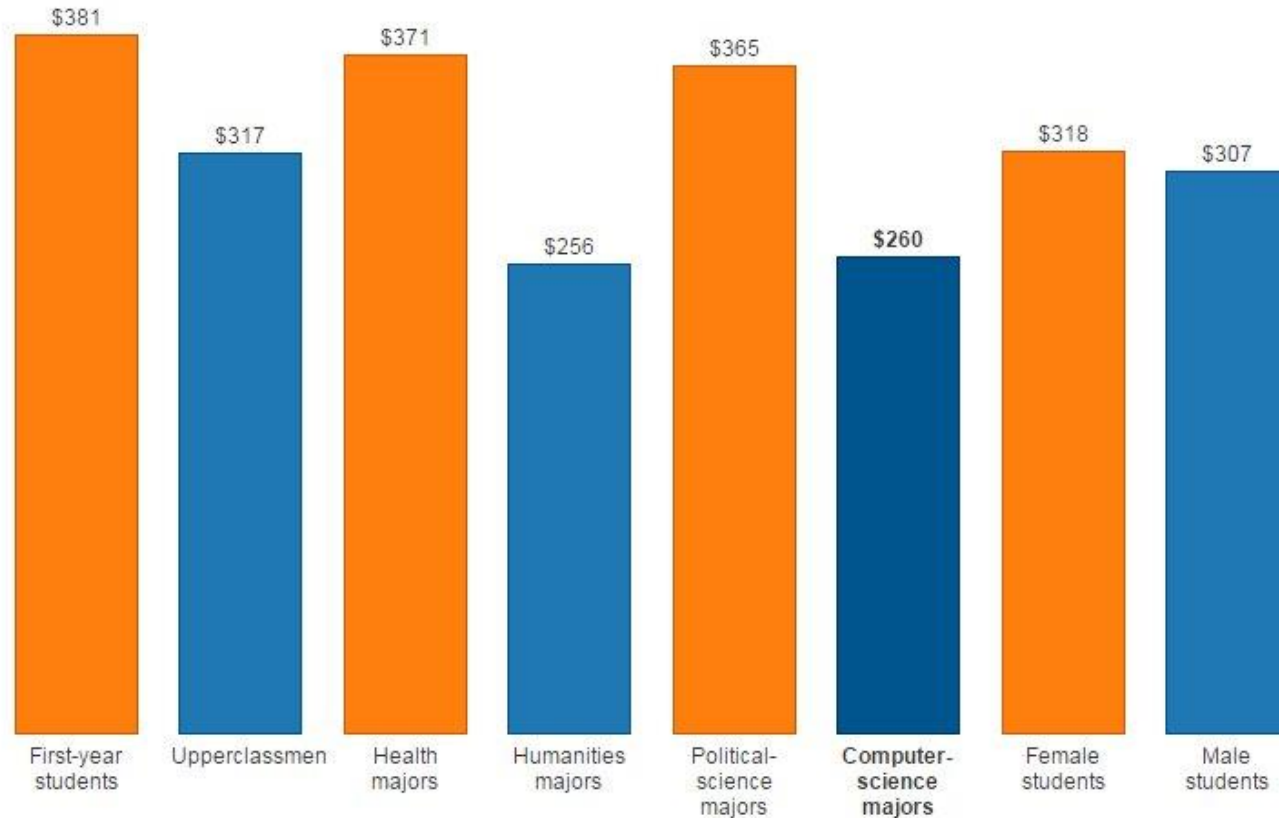
Books and Supplies @ Dominican 2016-17 = \$1,790

2016-17 UNDERGRADUATE DAY ACADEMIC YEAR BUDGET			
	Live with Parents	Live On Campus	Live Off Campus
TUITION (12-17 units/semester)	\$42,950	\$42,950	\$42,950
Fees (Campus Comp/Activity)	\$450	\$450	\$450
Room and Board	\$4,968	\$13,650	\$4,968
Books/Supplies	\$1,790	\$1,790	\$1,790
Transportation	\$1,108	\$838	\$1,108
Personal Expenses	\$3,178	\$2,332	\$3,178
TOTAL	\$54,444	\$62,010	\$54,444

1st Year and 1st generation students **spend more** than others on course materials

Spending on Course Materials Varies Among Groups

First-year students spent more than upperclassmen for the Fall 2014 term.



The cost of textbooks can negatively
impact learning

National Survey Data

2 in 3

Students say they decided against buying a textbook because the cost is too high

National Survey Data

1 in 2

Students say they have at some point taken fewer courses due to the cost of textbooks

National Survey Data

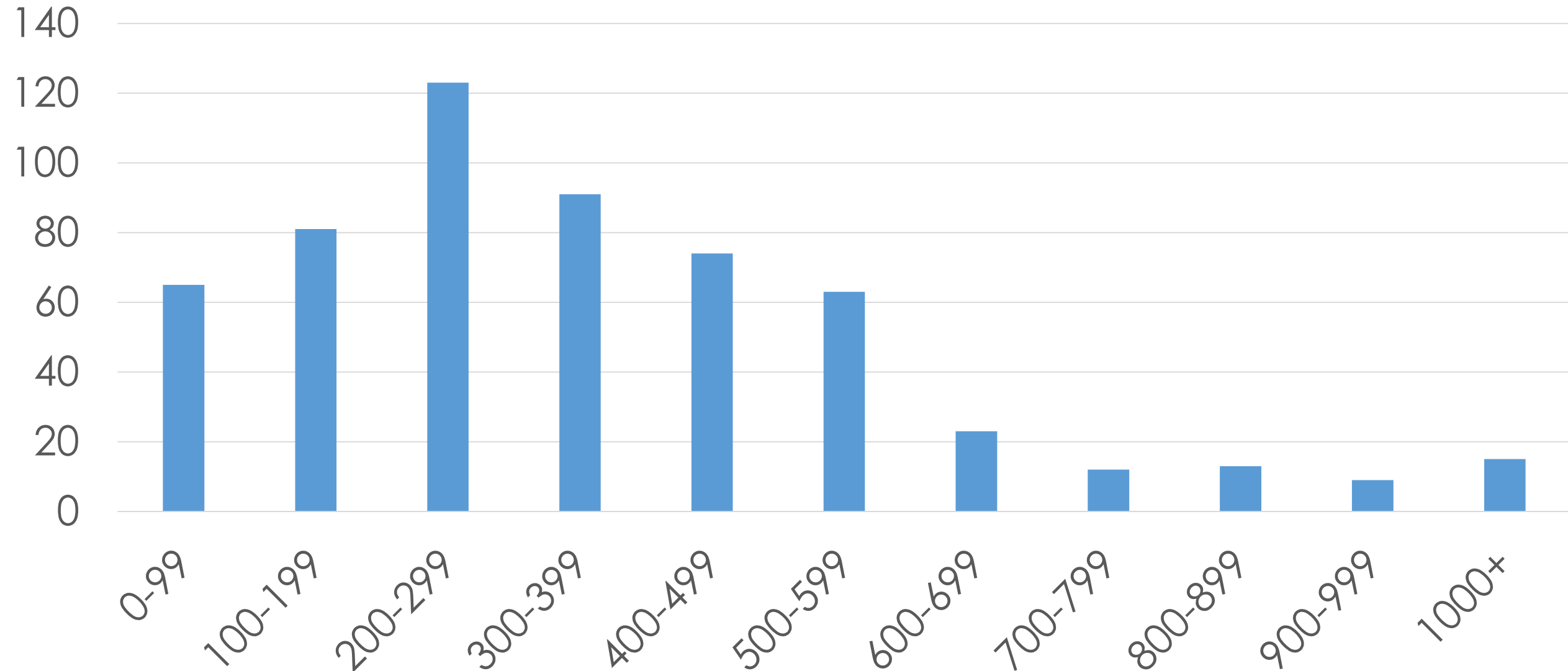
<1 in 2

Students purchase a current edition of their textbook

Student Textbook Survey Results

How are our students doing?

Students Estimate the Cost of Their Textbooks, Fall 2016



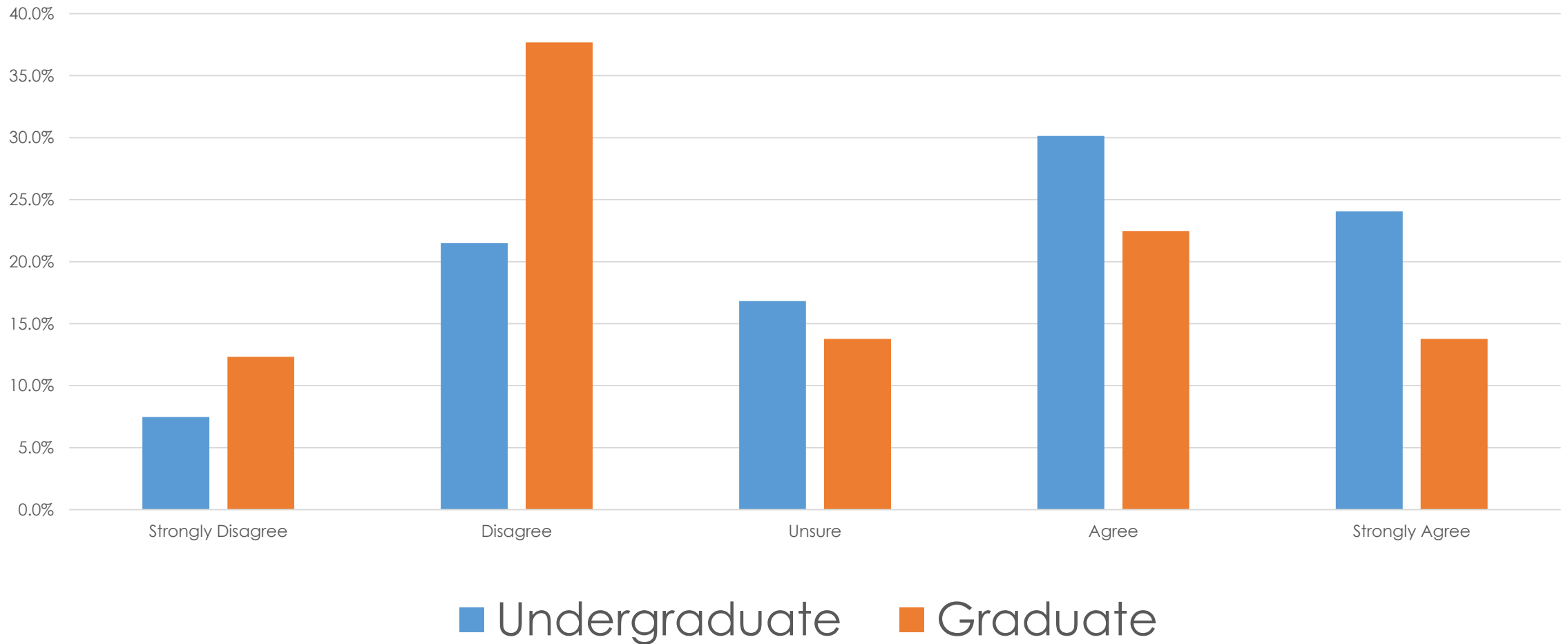
\$337

Average spent on textbooks this fall

50%

Won't buy or rent a textbook if it's too expensive

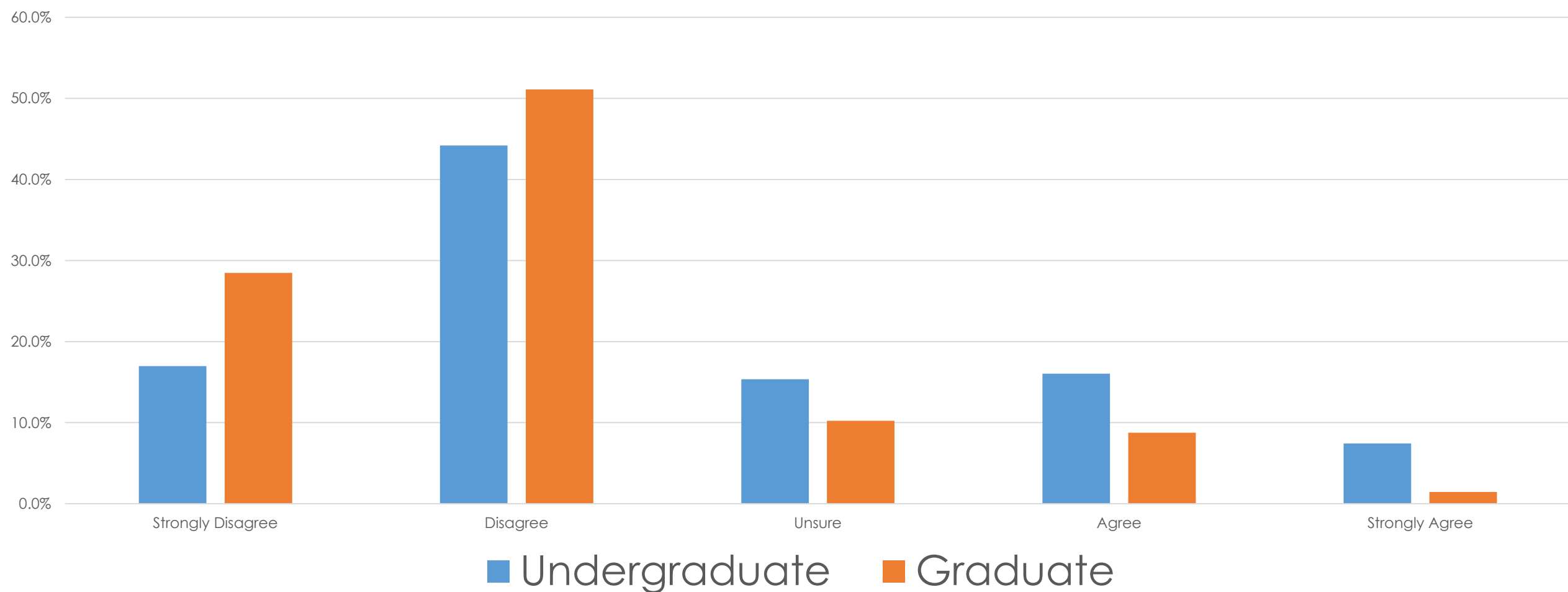
I won't buy or rent a textbook if it's too expensive



20%

The cost of textbooks impacts the number of classes I take in a semester

The cost of textbooks impacts the number of classes I take in a semester

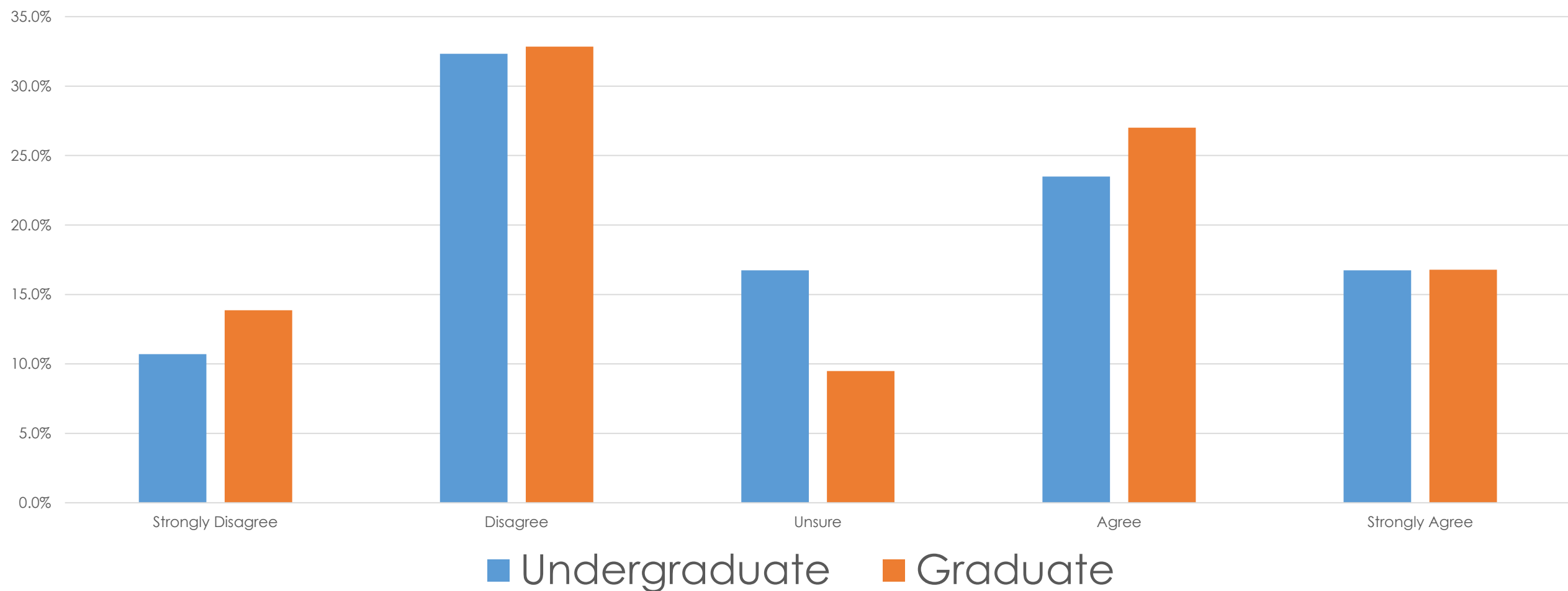


“I originally register [sic] full time this semester but due to the many books for each class, I had to drop one course, because I couldn't afford to buy all of them. :(“

42%

I'll purchase an older edition of a textbook rather than the one the instructor specified

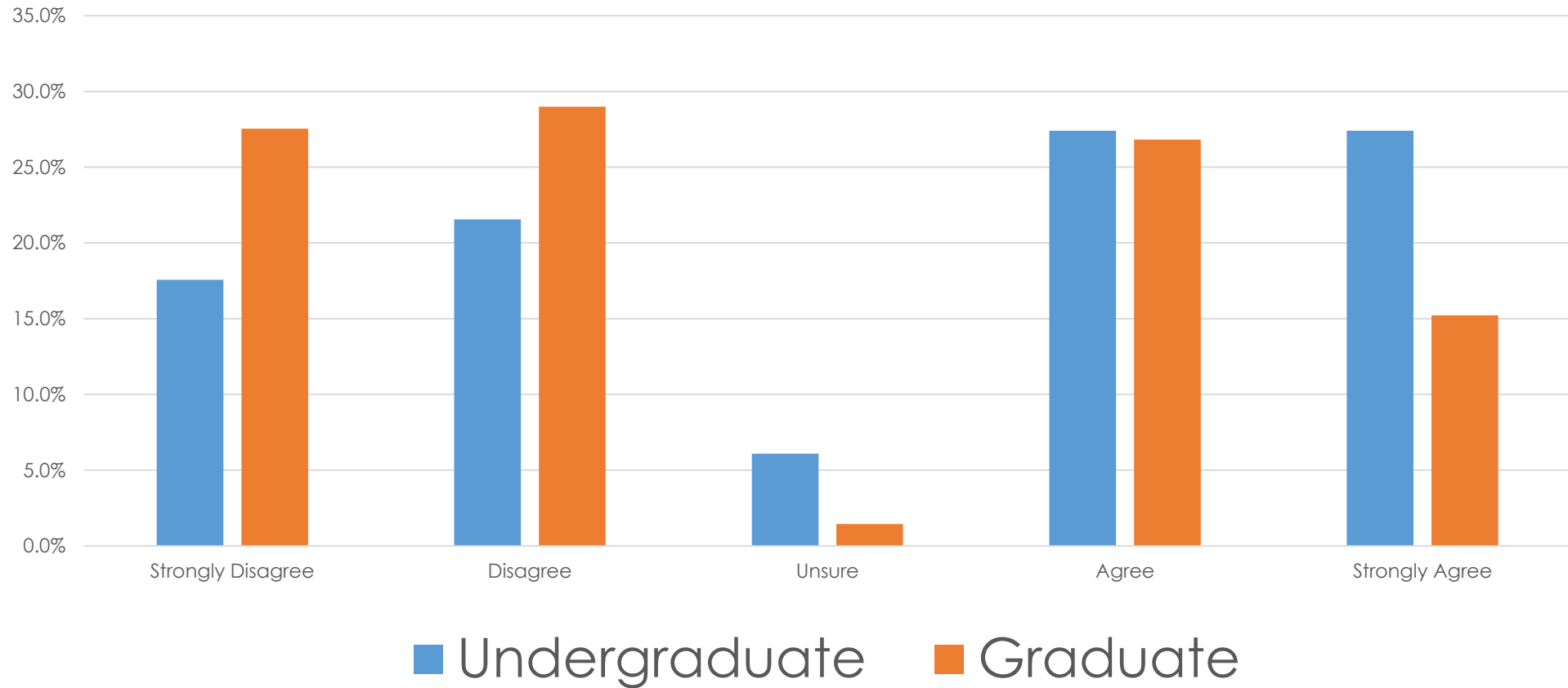
I'll purchase an older edition of a textbook rather than the one the instructor specified



52%

I have taken a course without
having the textbook

I have taken a course without having the textbook

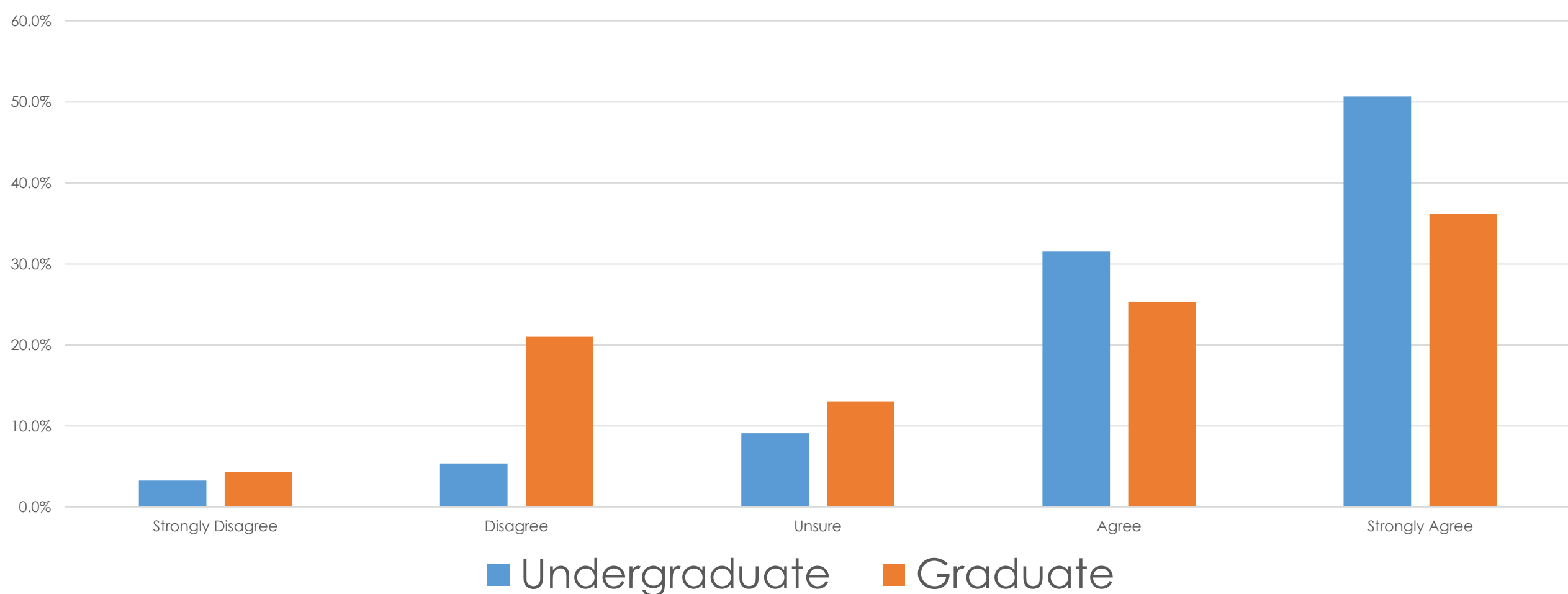


“...last semester I did not buy/rent a single text book. If there were assignments from a text book, I borrowed a friend's after class and made copies in the library.”

77%

I have taken a course where < 50% of the textbook was assigned reading

I have taken a course where **< 50%**
of the textbook was assigned
reading



“I get most frustrated when instructors assign books that we hardly use. **It feels disrespectful.** I will work more or take out a loan to get the books so they should be necessary.”

Open
Educational
Resources

Hewlett Foundation Definition:

“OER are teaching, learning, and research resources that reside in the public domain or are released under an intellectual property license that permits their free use and repurposing by others.”

OPEN

Free + Reuse Rights

- Retain
- Reuse
- Revise
- Remix
- Redistribute

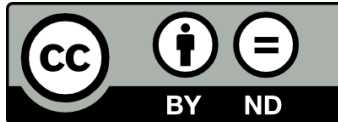


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free & open use

most
open



least
open



OER

Access. The Future of Education.

OUR BOOKS >

FACULTY

STUDENTS

ADMINISTRATORS

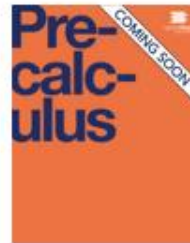
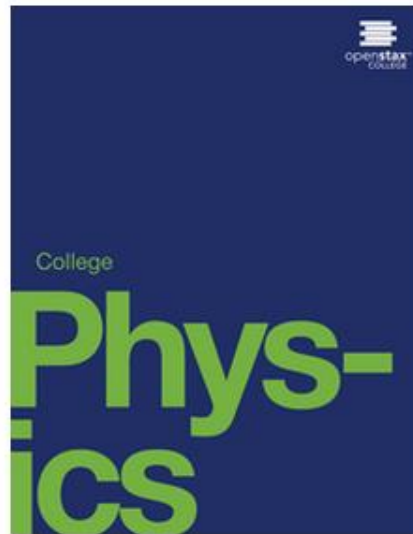
STAXDASH

NEWS

HELP US

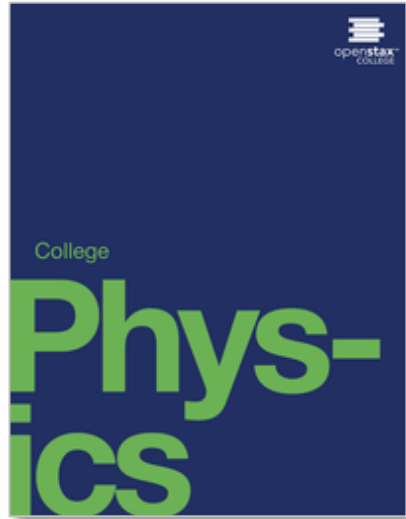
ABOUT US

**FREE YOUR STUDENTS
FROM COSTLY TEXTBOOKS**



openstaxcollege.org

Open Textbook (Example)



- Free online
- Free PDF
- Free ePub
- Print \$49.73
- Instructor can adapt and distribute

“Number of Students Using OpenStax Textbooks Has More Than Doubled Since January 2016, **1.5 Million+ Students** Have Used OpenStax Textbooks Since 2012”

PROJECT MANAGEMENT FOR INSTRUCTIONAL DESIGNERS

ABOUT PM4ID

Project Management for Instructional Designers (PM4ID) is – as the name suggests – a book about project management tailored specifically for instructional designers. This book is a revise / remix of a pre-existing, openly licensed project management textbook which was donated to the commons by a benefactor that desires to be attributed as Anonymous.

PM4ID includes many new features and improvements to the original book, including:

- Alignment of book chapters with the PMBOK, which supports readers in preparing for the Project Management Professional certification,
- A series of video cases of project managers working in the instructional design area, integrated into every chapter,
- Multiple versions of the book, including HTML, PDF, ePub, Kindle, and a text-to-speech mp3 audio version of the book,



TABLE OF CONTENTS

- [About PM4ID](#)
- ⊞ [1 Introduction to Project Management](#)
- ⊞ [2 Project Profiling](#)
- ⊞ [3 Project Phases and Organization](#)
- ⊞ [4 Understanding and Meeting Client E](#)
- ⊞ [5 Working with People on Projects](#)
- ⊞ [6 Communication Technologies](#)
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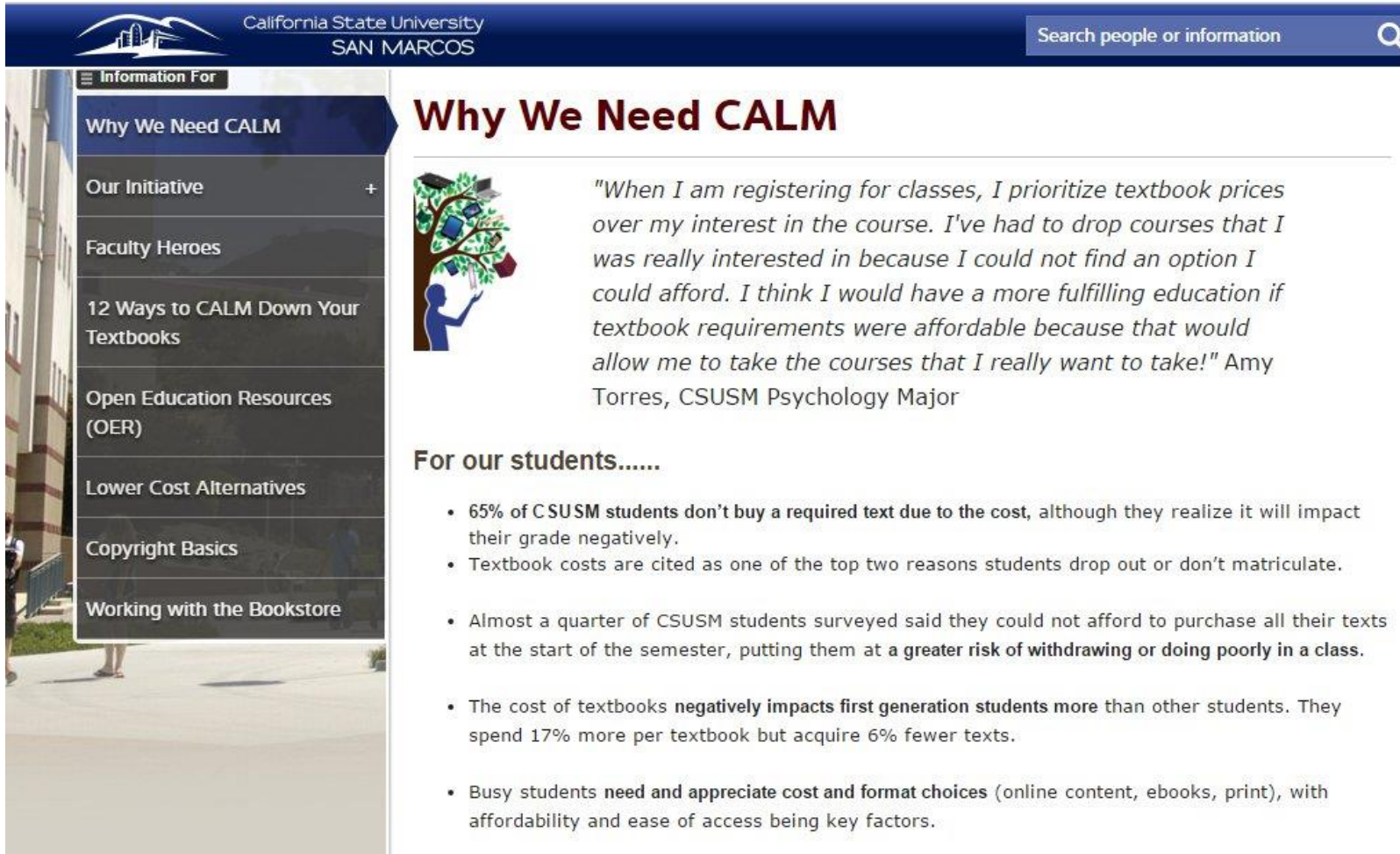
A multi-institutional study of the impact of open textbook adoption on the learning outcomes of post-secondary students

- Higher or equivalent grades
- Higher average credit load
- Higher or equivalent completion rates

How are OER *used* in
higher education?

CSU San Marcos

Students saved over **\$1.6 Million**



California State University
SAN MARCOS

Search people or information

Information For

Why We Need CALM

Our Initiative +

Faculty Heroes

12 Ways to CALM Down Your Textbooks


Open Education Resources (OER)

Lower Cost Alternatives

Copyright Basics

Working with the Bookstore

Why We Need CALM



"When I am registering for classes, I prioritize textbook prices over my interest in the course. I've had to drop courses that I was really interested in because I could not find an option I could afford. I think I would have a more fulfilling education if textbook requirements were affordable because that would allow me to take the courses that I really want to take!" Amy Torres, CSUSM Psychology Major

For our students.....

- 65% of CSUSM students don't buy a required text due to the cost, although they realize it will impact their grade negatively.
- Textbook costs are cited as one of the top two reasons students drop out or don't matriculate.
- Almost a quarter of CSUSM students surveyed said they could not afford to purchase all their texts at the start of the semester, putting them at a **greater risk of withdrawing or doing poorly in a class.**
- The cost of textbooks **negatively impacts first generation students more** than other students. They spend 17% more per textbook but acquire 6% fewer texts.
- Busy students **need and appreciate cost and format choices** (online content, ebooks, print), with affordability and ease of access being key factors.

OER courses had a **70% enrollment rate** compared to 43% for non-OER courses.



Tidewater Community College
is making college more affordable.



The cost of college textbooks has risen 812% since 1978, more than the rates of inflation, health care, new home prices, and college tuition.

More and more, college students are unable to afford their textbooks, and as many as 70% of students have reported avoiding buying at least one textbook for their courses. Not surprisingly, these students do not do as well academically.

As of May 2013, if a TCC student purchased all of the textbooks required for a business administration degree, that student would spend \$3,678.95 on new books. While used textbooks may lower this price, their availability is, at best, uneven.

But the problem with printed textbooks goes beyond financial cost; textbooks “cost” students and teachers in other ways as well.

Because textbooks are frequently written for broad audiences in the hopes that they will fill the learning support needs and be adopted by large numbers of faculty and departments, they are filled with content and exercises that are superfluous to a specific course’s learning outcomes. The cost here is in teaching efficiency and effectiveness.

“Rutgers University Libraries Launch
Open and Affordable Textbook
Project, Joins Open Textbook Network”

“Seven public and private universities in Rhode Island, including Brown and Rhode Island College, have pledged to look into increasing their use of digital textbooks.”

"As Textbook Prices Soar, UNC
Greensboro looks for **Free Alternative**"

“UConn Co-op to donate \$250,000
to affordable textbook initiatives”

Members of the Open Textbook Network

Boston Library Consortium (17)
Cal Poly, San Luis Obispo
Cleveland State University
Colorado State University
Colorado State University, Pueblo
Concordia University
DePaul University
Harold B. Lee Library, Brigham Young University
George Fox University
Kansas State University
Louisiana Library Network (47)
Macalester College
Miami University
Minnesota State College and Universities (34)
North Dakota University System (11)
The Ohio State University
Oregon Community Colleges (17)
Oregon State University
Portland State University
Purdue University
Rutgers University (3)

Temple University
University of Arizona
University of Hawaii, Manoa
University of Iowa
University of Kansas
University of Massachusetts, Amherst
University of Minnesota
University of North Carolina, Greensboro
University of Northern Iowa
University of Northwestern, St. Paul
University of Oklahoma
University of Tennessee
University of Texas Arlington
University of Toledo
University of Utah
University of Washington
University of Wisconsin, Milwaukee
University of Wisconsin, Stout
Utah Academic Library Consortium (11)
Virginia Tech
Washington State University
West Virginia University
Virtual Library of Virginia (72)

What can
we do?

(1) Make **sharing** easy



open licensing system

www.creativecommons.org

Pierce professor saves students \$1 million through open education resources

January 9, 2015 [Features](#), [Lead Story](#) [4 Comments](#)



After years of teaching math, Professor David Lippman was sick of requiring his students to pay upwards of \$150 for a textbook. Used books were available at a slight discount, but students were forced to pay an extra fee to access online support materials unless they purchased a brand new copy.

Lippman, who began teaching at Pierce in Fall 2000, finally made the decision to move away from the lessons found in traditional textbooks. He began to carefully write and compile his own content, which he now provides to students at little to no cost.

"I basically sat down and, over a period of time, began to write my own text to replace the book for my Math 107 course," he said. "I would hardly call that first version a formal textbook, but I wrote up enough content to reach the point where I didn't need a book."



Award winning statistics text

Teaching Commons

OPEN EDUCATIONAL RESOURCES FROM LEADING COLLEGES AND UNIVERSITIES

Browse Publications

by Institution

by Type

by Subject Area

Subject Areas

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Education

Engineering

Law

Life Sciences

Medicine & Health Sciences

Physical Sciences & Mathematics

Social & Behavioral Sciences

Browse Contents by Type

Textbooks



Syllabi



Course Materials



Lectures



K-12 Curricula



(2) Consider OER
before traditional
materials



Information For

Why We Need CALM

Our Initiative

Faculty Heroes

12 Ways to CALM Down Your Textbooks

Open Education Resources (OER)

Lower Cost Alternatives

Copyright Basics

Working with the Bookstore



Faculty Heroes



See how CSUSM CALM heroes are using some of the affordable learning solutions suggested on this website to help CALM down the cost of an education for their students. Click on the faculty member's name to learn more about their efforts. If you are using textbook alternatives, we'd love to recognize your efforts here and by placing the CALM certified badge in your Cougar Courses. Learn more or apply to be a CALM Hero.

[CHABSS](#)

[CEHHS](#)

[CSM](#)

[COBA](#)

College of Humanities, Arts, Behavioral and Social Sciences



Kimber Quinney

History

History 131 - U.S. History 1877 - Present



Ranjeeta Basu

Economics

ECON 441 International Economics: Trade



Terri Metzger

Communication

GEO 102 - General Education Oral Communication

(3) Connect “open”
to our institutional
mission

(4) Support faculty to
adopt, adapt, and
create OER

Use the internet to do
what it was meant for...

to benefit society

Next steps?

The Library's Guide to OER

Found with the Library's Research Guides
or go to

<http://libguides.dominican.edu/OER>

Acknowledgements

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Dominican University of California

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