

# Multiple Mathematics Pathways

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Transforming Post-Secondary Education in Mathematics

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# Conference Board of Mathematical Sciences (CBMS) Survey Reports 2010



## Statistical Abstract of Undergraduate Programs in the Mathematical Sciences in the United States

by Richelle Blair, Ellen E. Kirkman, and James W. Maxwell

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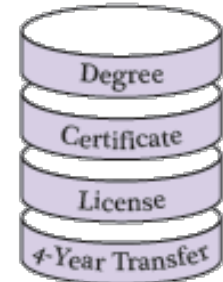
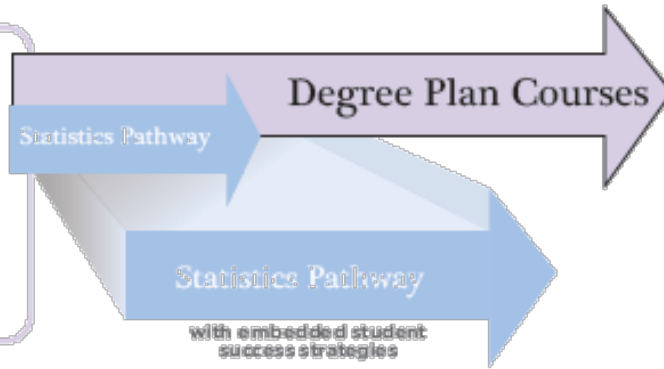
# Higher Education Mathematics

	4 Year Institutions				2 Year Institutions			
	1995	2000	2005	2010	1995	2000	2005	2010
<b>College Algebra and below</b>	57%	58%	56%	54%	81%	81%	81%	80%
<b>Calculus</b>	37%	35%	37%	38%	10%	8%	7%	7%
<b>Advanced Courses</b>	7%	6%	7%	8%				
<b>Other Courses (2 Year)</b>					12%	10%	12%	12%
<b>TOTAL Enrollment (in thousands)</b>	1469	1614	1607	1971	1348	1273	1580	1887

Source: Adapted from the CBMS 2010 Census Report, Table S.2

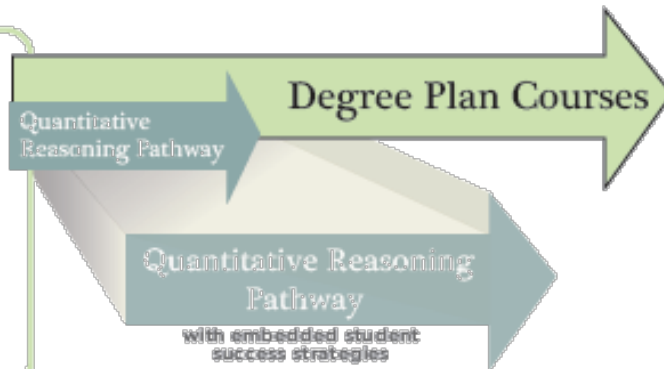
**STATISTICS PATHWAY** is designed for students seeking a college-level statistics course as part of their general education requirement for majors in fields including:

- Nursing
- Social Work
- Criminal Justice



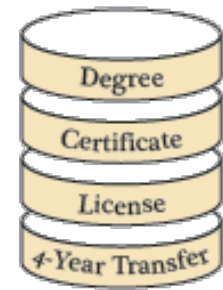
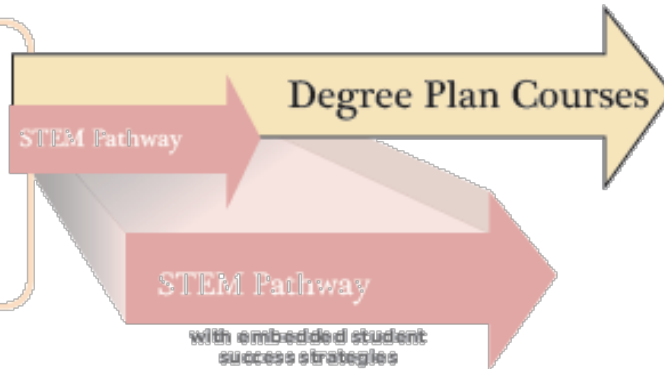
**QUANTITATIVE REASONING PATHWAY** is designed for students pursuing a field of study in which general education math is a requirement. These fields include majors in:

- Communications
- Graphic Design
- Paralegal



**STEM-PREP PATHWAY** is designed for students seeking a STEM or mathematics-intensive major in fields including:

- Petroleum Engineering
- Computer Science
- Chemistry



college completion goals