

*Materials Science & Engineering:  
Departments and Programs in the  
United States*

*Peter K. Davies; UMC Fall Meeting, Nov. 30, 2009*

***US Independent MS&E Departments: with undergrad programs (46)***

Alfred University	Boise State University	California Polytech*§	Carnegie Mellon	Case Western Reserve
Clemson Univ.*	Colorado School of Mines*	Cornell University	Drexel Univ.	Georgia Tech
Iowa State Univ.	Lehigh University	Michigan Tech. Univ.	Missouri - Rolla	MIT
Montana Tech*§	NM Inst. Mine & Tech.	North Carolina State	Northwestern	Ohio State University
Penn State Univ.	Purdue University*	RPI	Rutgers University	S. Dakota Sch. Mines & Tech.
Stanford**	The Johns Hopkins University	Univ. of Alabama-Birmingham	Univ. of Alabama-Tuscaloosa*	Univ. of Arizona
Univ. of California-Berkeley	Univ. of California-Los Angeles	Univ. of Florida	Univ of Idaho§	Univ. of Illinois-Urbana-Champaign
Univ. of Maryland	Univ. of Michigan	Univ. of Pennsylvania	Univ. of Tennessee	Univ. of Texas-El Paso*
Univ. of Utah	Univ. of Virginia**	Univ. of Washington	Univ. of Wisconsin-Madison	Univ. of Wisconsin-Milwaukee§
Virginia Tech				

\* Matls Eng \*\* no ABET accreditation § no PhD prog

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***US Independent Materials Departments: Graduate only (6)***

Univ. of North Texas	Univ. of California-Santa Barbara	Univ. of Texas at Arlington	<b>Univ. of Delaware</b>	Univ. of Texas at Dallas
<b>SUNY Stony Brook</b>				

***Chemical Engineering & Materials Science Departments (11)***

San Jose State Univ.*	Stevens Inst. of Tech.	Univ. of California-Davis*	Univ. of California-Irvine*	Univ. of Cincinnati*
<b>University of Connecticut*</b>	<b>Univ. of Kentucky*</b>	Univ. of Minnesota*	University of Nevada - Reno*	Univ. of Southern California
Wayne State Univ.				

\* ABET accredited

***Mechanical Engineering & Materials Science Departments (6)***

Duke	Rice University	Univ of Denver	<b>Univ. of Pittsburgh*</b>	Washington State Univ.*
<b>Wright State University*</b>				

\* ABET accredited

***MS&E Grad "Programs" (4)***

California Institute of Technology	Univ. of California-San Diego	Univ. of Dayton	Vanderbilt Univ.	
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Red = attendee at Fall 2009 meeting

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<b><i>Civil &amp; Mat'ls Eng Depts. (1)</i></b>
Univ. of Illinois at Chicago

<b><i>Mech, Aero, Chem &amp; Mat'ls Depts. (1)</i></b>
Arizona State Univ.*

<b><i>Mech, Mat'ls. &amp; Aero Eng Depts. (1)</i></b>
Illinois Institute of Technology*

\* ABET

<b><i>Materials Programs offered through other Engineering Departments (10)</i></b>				
<b>Auburn University (Mech. Eng.)*</b>	Brown (Div. Eng.)*	Columbia Univ (Appl. Phys/Math)	Michigan State Univ. (Chem Eng. & Mech)*	SW Texas State (Physics)
Univ. Nebraska (Eng. Mech.)	Vanderbilt (multiple)	<b>Worcester Polytech (Mech Eng.)</b>	Yale (Mech Eng.)	Winona State*§

\* ABET § Composite Mat. Eng

<b><i>Polymer Science &amp; Engineering (2)</i></b>		
Case Western Reserve Macromol. Sci & Eng*		University of Akron (Graduate only)

\*ABET

Non- Eng.: Univ of Southern Mississippi. (Polymers & High Tech  
Mat.); Univ. Mass. Amherst (College of Nat. Sci.; grad only)

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# ***Comparisons to 1999***

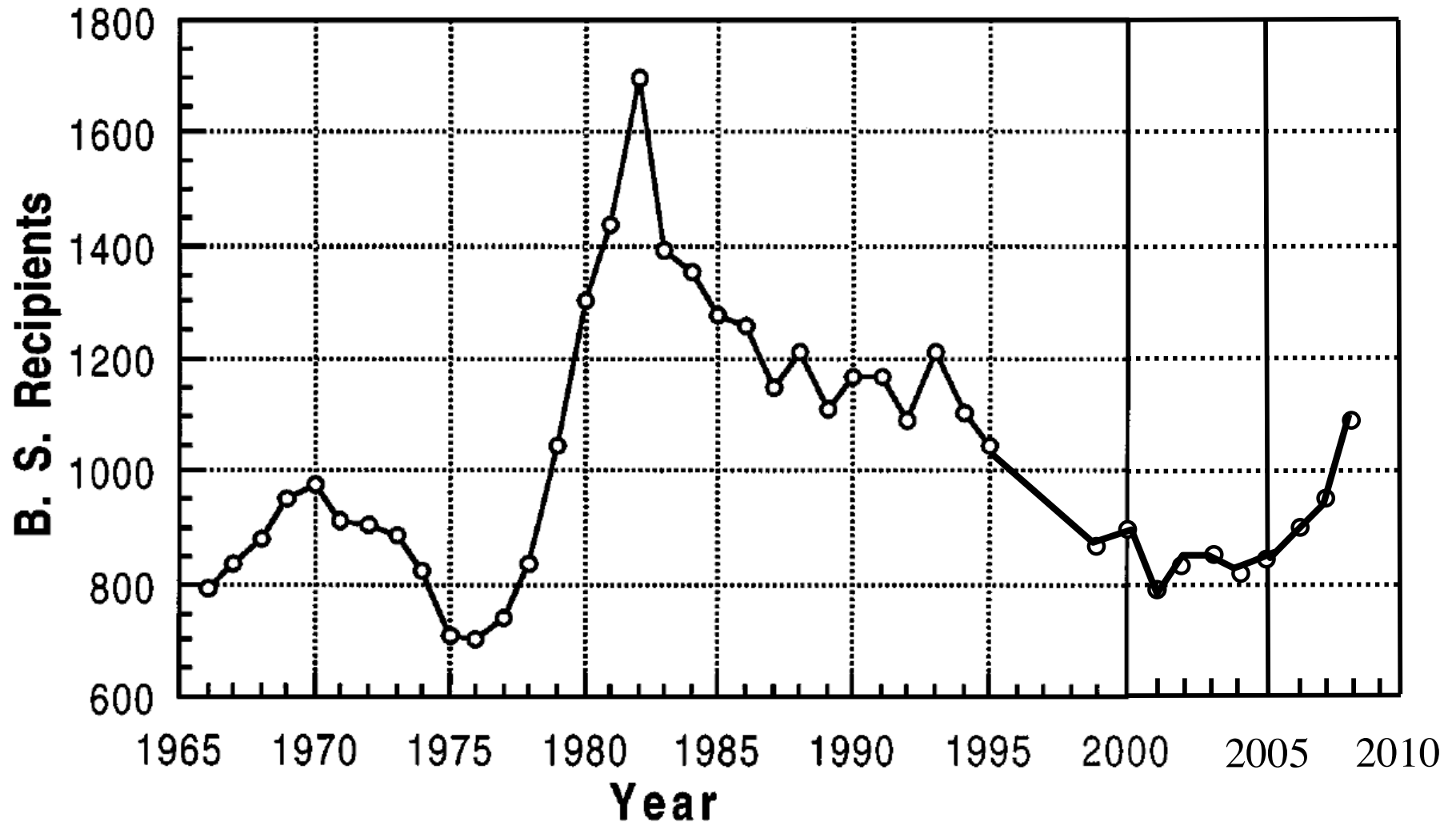
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***Materials Departments and Programs in the United States***

	1999*	2009
Materials specific depts	14	2
Independent MS& E departments	49	52
Joint departments	14	20
"Embedded" programs	27	14
Total	104	88

\* M. C. Flemings, What next for departments of Materials Science & Engineering?, Annu. Rev. Mater. Sci. 29, 1-23(1999)

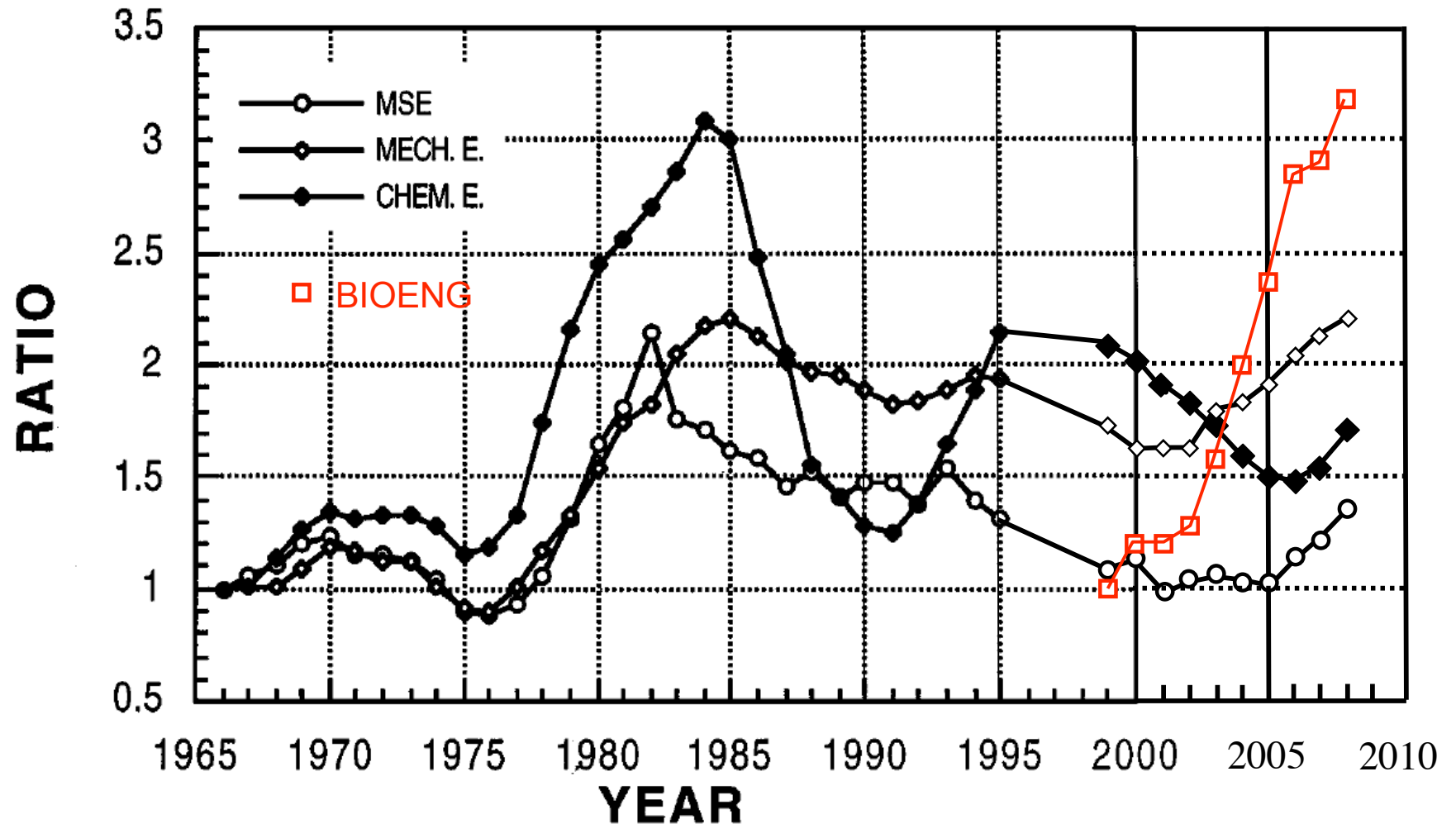
## *Bachelors Degrees in Met/MSE*



M. C. Flemings, What next for departments of Materials Science & Engineering?,  
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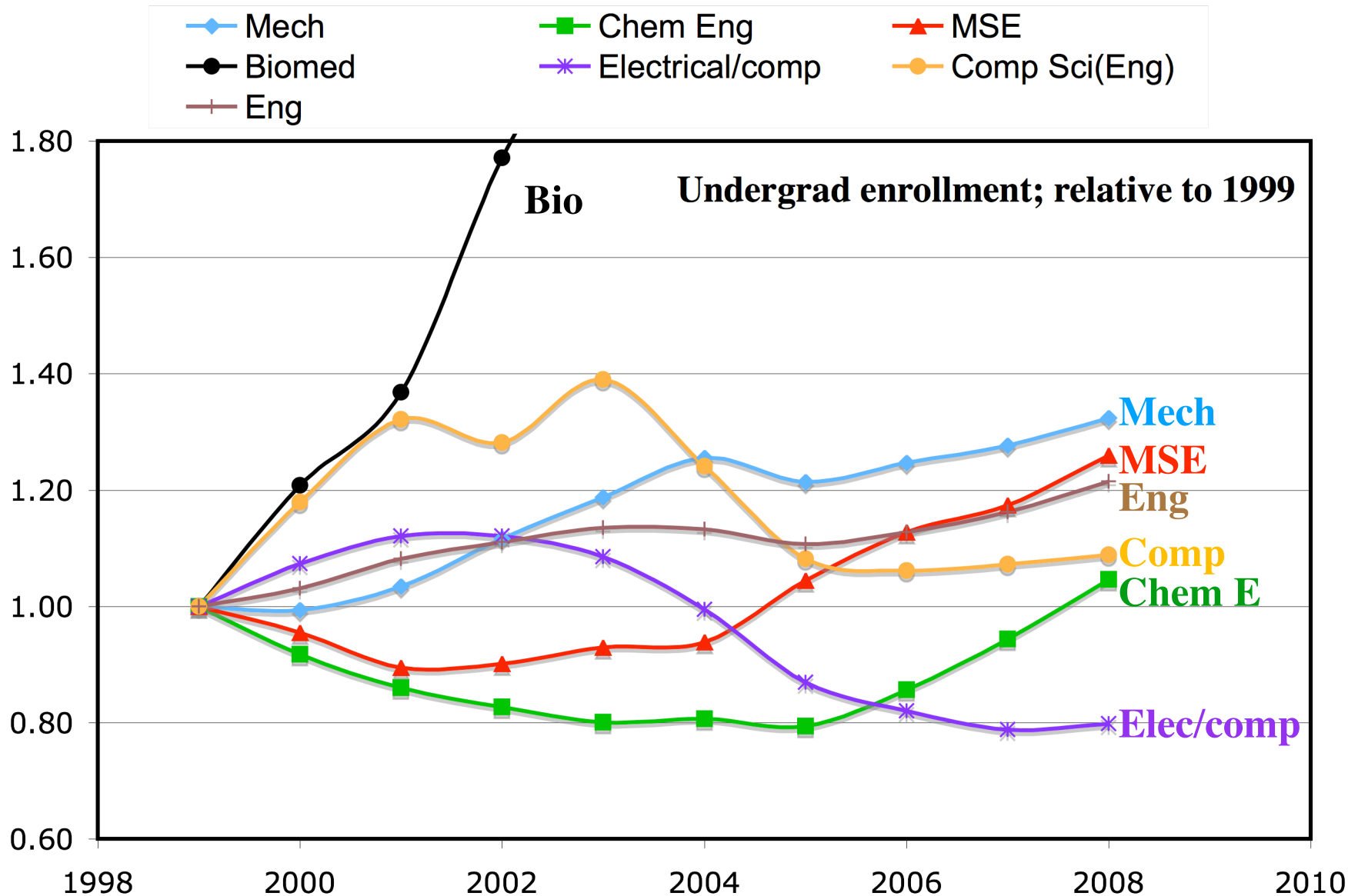
## *Bachelor's degrees in 3 fields normalized to 1966*



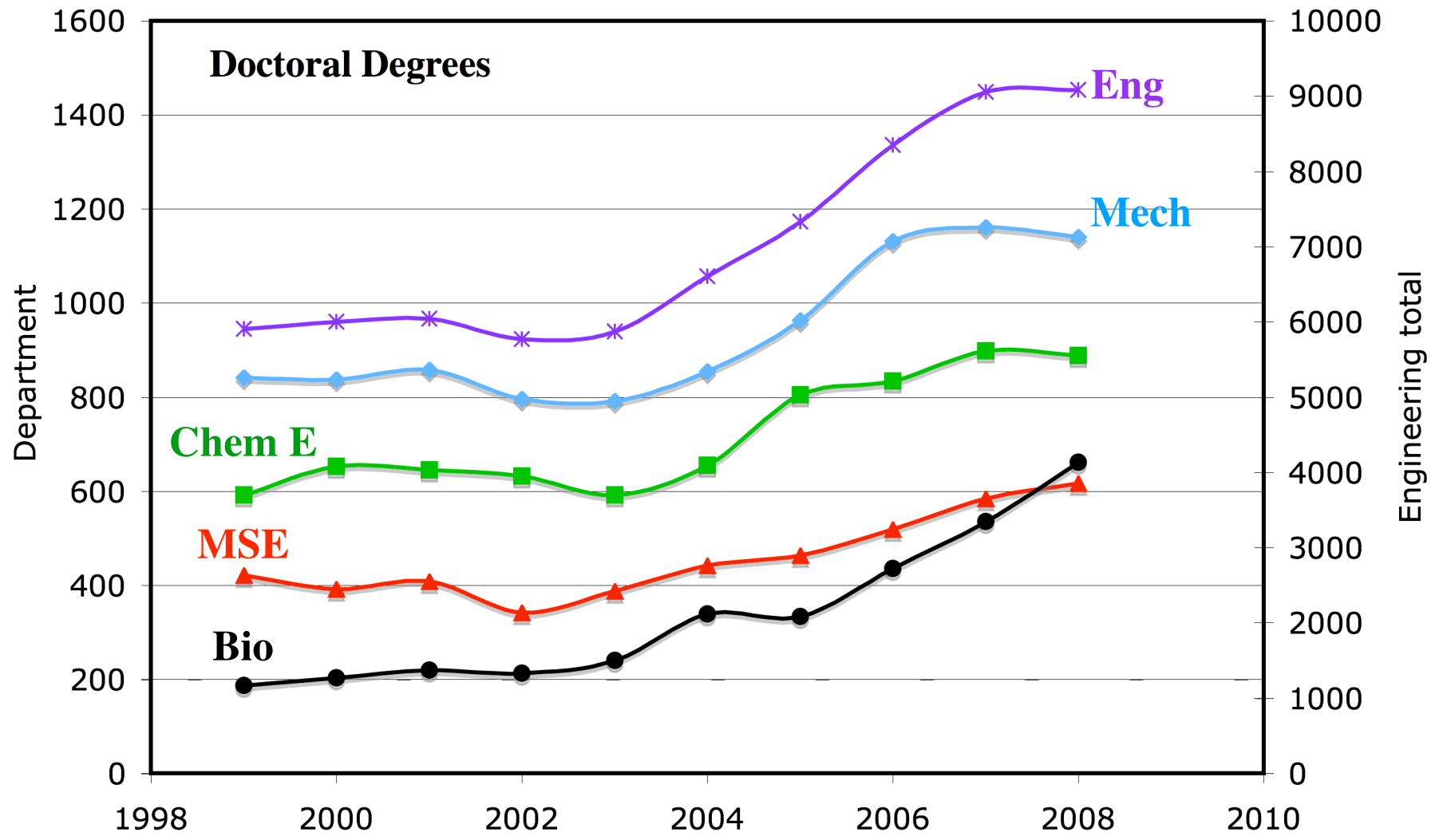
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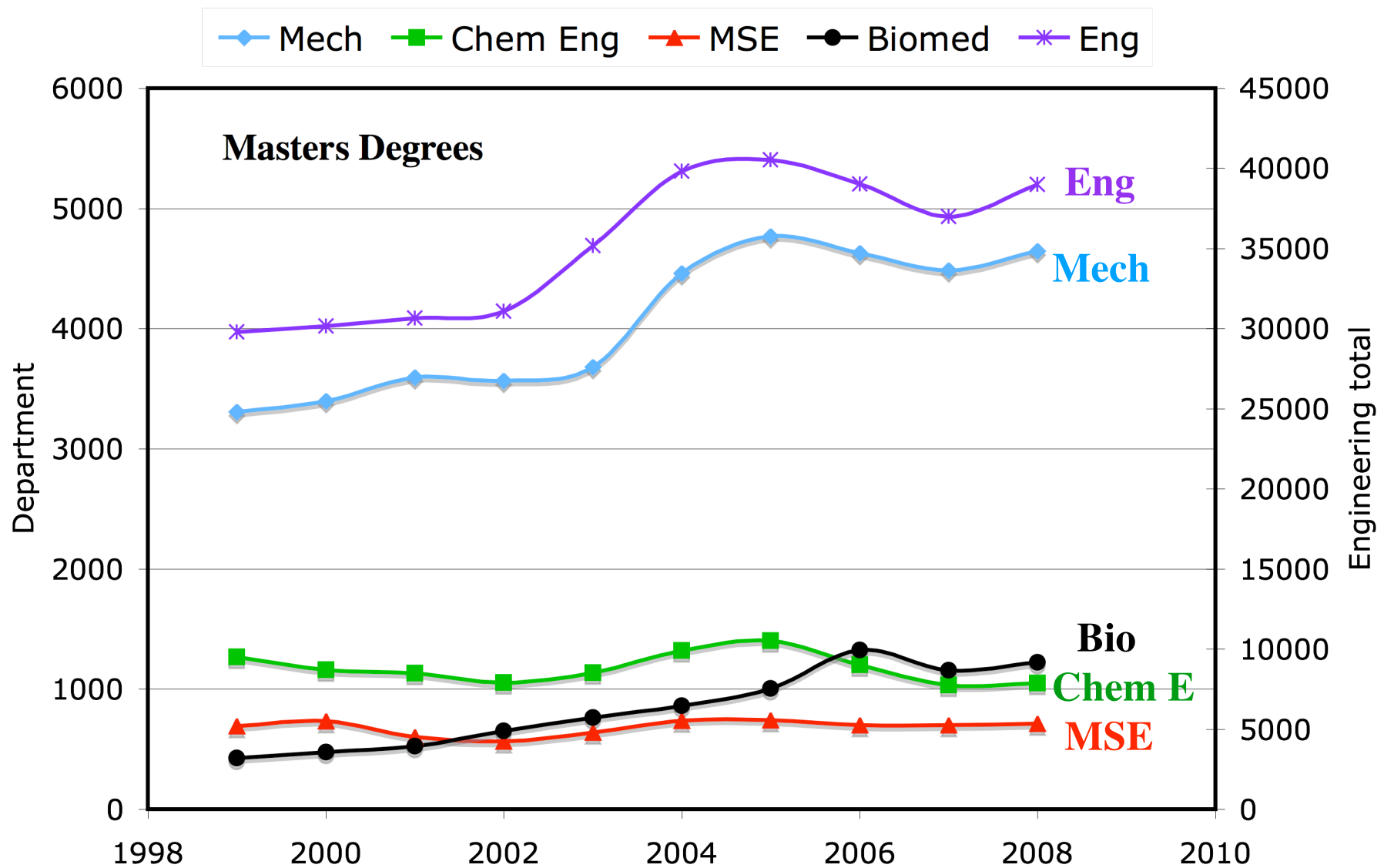




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