2008 EBI Senior Exit Survey

Slight change in Select 6

UT-Austin, Northwestern, Auburn, Carnegie Mellon U, U of Southern California, -MIT, +UC-San Diego

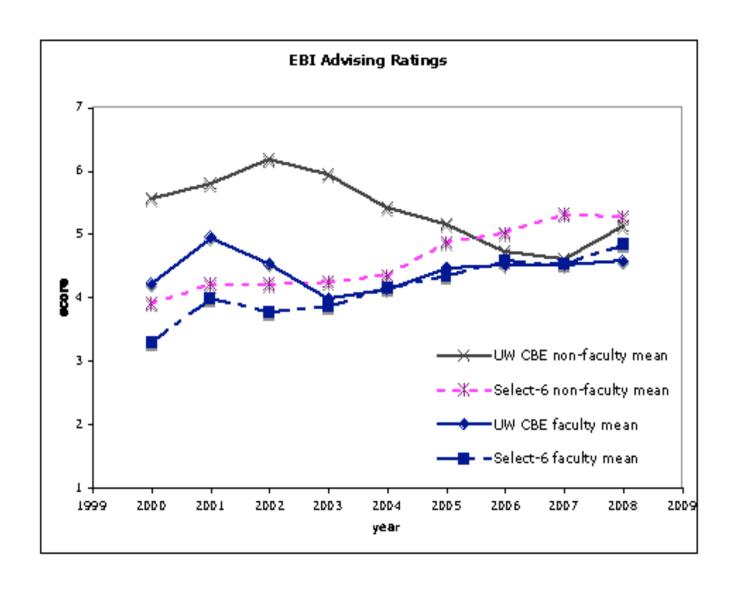
Ongoing Items: Advising - chart

Physics - back down

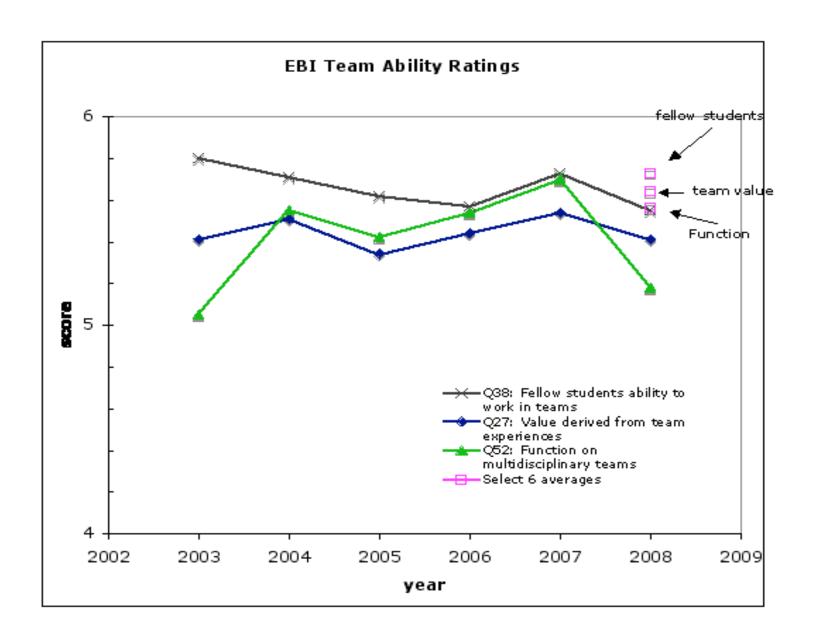
Teamwork - chart

New Items: concern with quality of education, faculty access, responsiveness

Advising



Teamwork



University of Wisconsin-Madison

Highest and Lowest Mean Questions for Engineering Major: Chemical

conducations are the highest mean questions for University of Wisconsin Madison	Responses	Mean	Sett
regram Outcomes and Assessment - Skill Development - Degree that orgineering education enhanced ability to: Apply knowledge of mathematics	ं । 11,46% (क्षेत्र 38	9134 Wett 1 6.37	€ 1000±25 10.0
rogram Outcomes and Assessment - Skill Development - Degree It'at engineering advestion enhanced ability to: Apply knowledge of science	36	6.34	0.1
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Apply knowledge of engineering	36	6.18	1.0
dvising/Computing - Advising/Computing - Satisfaction with: Quality of computing resources	38	6.18	0.5
regram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Solve engineering problems	38	6.13	0.8
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Analyze and interpret data	38	6.05	0.5
togram Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Use modern engineering tools apport to your	38	6.00	0,9
rogram Outcomes and Assessment - Skif Development - Degree that engineering education enhanced ability to: Design a systom, component, or process to meet	38	5.97	0.6
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Conduct experiments	38	5.89	0.5
ystem Design - To what degree did your system design experience address the following: Addressed Economic issues	36	5.89	1.1
regram Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Built on skills from previous course work	38	5.87	0,8
rogram Outcomes and Assessment - Skill Ωrivalopment - Diagrae that engineering education enhanced ability to: Idontify engineering problems	38	5.84	0.1
atisfaction with: Average size of major courses	38	5.84	1.1
regreen Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Communicate using written progress reports	37	6.81	1.4
groot Services - Career Services - Satisfaction with: Assistance in preparation for permanent job search	36	5.78	1.1
trot/questions are the lowest-mean questions for University of Wisconsin Wadison	Respondes)	Mean	ទមែរ
ystem Design - To what degree did your system design experience address the following: Addressed Political issues.	37	3.65	.∠ ⊖ 1.4
atisfacilien with: Amount of work required of in major courses	38	3.92	1.8
kourse work in your Engineering major - Instruction and Escutty in your Major Course Work - Quality of: Feedback on essignments (other than grades)	38	4.08	1.4
attefaction with: Opportunities for interaction with practitioners	36	4.11	1.6
atisfaction with quality of teaching in required course work: (If course not taken on this camous, select "not applicable") Physics	34	4.12	1.8
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Pllot tost a component iprior to implementation	32	4.19	1.5
ystem Design - To what degree did your system design reperiones address the following: Addressed Social issues	37	4.27	1.3
course work in your Engineering major - Instruction and Faculty in your Major Course Werk - Quality of Student/Faculty Interaction	38	4.34	1.3
tarder Services - Career Services - Satisfaction with: Access to achoods atumnit to cultivate career opportunities	35	4.37	1.
latisfaction with; Amount of work in reletionship to what was learned	39	4.42	1.3
at'sfaction with quality of teaching in required course work: (if course not taken on this campus, scient "not applicable") Differential Equations	38	4.53	1.5
dvising/Computing - Advising/Computing - Satisfaction with: Academic advising by faculty	39	4.58	13
atisfaction with: Opportunities for practical experiences within Undergraduate curriculum	38	4.66	4.3
lystem Design - To what degree did your system design experience address the following: Addressed Ethical issues			
	38	4.71	17
low inclined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering Major to a close friend	38 36	4.71 4.89	17 13

University of Wisconsin-Madison

Question Competitive Analysis: Select 6 Comparison for Engineering Major: Chemical

et Positive Difference Between Your Data and Your Select 6:	W.Madleon	Select/8	Differen
curse Comparison - Quality of toaching in your Engineering courses compare to the quality of teaching in Non-Engineering courses on this campus	5.47	4,93	0.54
ystem Design - To what degroo did your system design experience address the following: Addressed Sustainability issues	5.45	4.92	0.53
rogram Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Use modern engineering tools specific to our primary academic major	6.00	5.68	0,44
rogram Outcomes and Assessment - Skil Development - Degree that engineering education enhanced ability to: Design a system, component, or procees to leet desired areas.	5.97	5.53	0.41
dvising/Computing - Advising/Computing - Satisfaction with: Quality of computing resources	8.18	5.81	0.37
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Apply knowledge of mathematics	5.37	8.00	0.00
atisfaction with: Availability of courses in major	5.74	5.38	0.31
areer Services - Career Services - Satisfaction with: Assistance in preparation for pormanent job search	5.7 a	5.49	0.29
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Apply knowledge of science	6.34	6.07	0.2
Satisfaction with: Engineering curriculum instructors presentation of technology issues	5.21	4.97	0.24
lystem Design - To what degree did your system design experience address the following: Addressed Environmental issues	5.53	5.32	0.21
alisfaction with: Quality of Engineering classrooms	5.26	5.06	0.2
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Solve engineering problems	6.13	5.85	0.1
rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to; Conduct experiments	5.89	5.72	0.1
iystem Besign - To what degree did your system design experience address the following: Addressed Economic issues	5.89	5.75	0.1
at-NagattVatDifference.Between Your Data and Your Select 5.	Willadison	Soloche	Differen
absfaction with: Amount of work required of in major courses	3.82	4.80	-1.0
et'sfaction with quality of teaching in required course work: (if course not taken on this campus, select "not applicable") i "hysics	4.12	4.79	-0.6
rogram Outcomes and Assessment - Skill Development - Degree that engineering education anhanced ability to: Communicate using oral progress reports	5.19	5.85	-0.6
atisfaction with: Amount of work in relationship to what was learned	4.42	5.05	-0.6
arisfaction with quality of feaching in required course work: (if course not taken on this campus, select "not app!tcable") Differential Equations	4.53	5.16	-0.6
Company Company Continue Destrict and the Assessment of the Assessment of the Continue of the			-0.0
arcer Services - Career Services - Satisfaction with: Access to school's alumni to cultivate career opportunities	4.37	4.98	
,,		4.98 4.70	-0.6
rogram Outcomes and Assessment - Skill Dovnlopment - Degree that engineering education enhanced ability to: Ptot test a component iprior to implementation			-0.6 -0.5
rogram Outcomes and Assessment - Skill Dovnlopment - Degree that engineering education enhanced ability to: Pilot teet a component lighter to implementation low Indined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering Major to a close friend	4.19	4.70	-0.6 -0.5 -0.4
rogram Outcomes and Assessment - Skill Dovolopment - Degree that engineering education enhanced ability to: Pilot teet a component light to implementation low Indined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering Major to a close friend lystem Design - To what degree did your system design experience address the following: Addressed Political issues	4.19 4.59	4.70 5.38	-0.6 -0.5 -0.4 -0.4
rogram Outcomes and Assessment - Skill Davolopmont - Degree that engineering education enhanced ability to: Pfot teet a component light to implementation flow Indined are you to recommend your How Indined are you to recommend your Undergraduate Engineering Major to a close friend lightern Design - To what degree did your system design experiance address the following: Addressed Political issues Program Outcomes and Assessment - Skill Development - Degree that engineering addression onhanced ability to: Function on multidesipfinary teams	4.19 4.59 3.65	4.70 5.38 4.13	-0.6 -0.5 -0.4 -0.4 -0.4
rogram Outcomes and Assessment - Skill Dovnlopment - Degree that engineering education enhanced ability to: Piotiteet a component iprior to implementation low Indined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering Major to a close friend lystem Design - To what degree did your system design experiance address the following: Addressed Political issues Program Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Function on multidisciplinary teams Bystem Design - To what degree did your system design experience address the following: Addressed Ethical Issues	4.19 4.59 3.65 5.18	4.70 5.38 4.13 5.64	-0.6 -0.5 -0.4 -0.4 -0.4
rogram Outcomes and Assessment - Skill Dovolopment - Degree that engineering education enhanced ability to: Piot teet a component light to implementation low Indined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering Major to a close friend lystem Design - To what degree did your system design experience address the following: Addressed Political issues Program Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Function on multidesipfnary teams lystem Design - To what degree did your system design experience address the following: Addressed Ethical lesues Source work in your Engineering mejor - Instruction and Faculty in your Major Course Work - Quality of: Student/faculty Interaction	4.19 4.59 3.65 5.18 4.71	4.70 5.38 4.13 5.64 5.17	-0.6 -0.5 -0.4 -0.4 -0.4 -0.4
rogram Outcomes and Assessment - Skill Dovnlopment - Degree that engineering education enhanced ability to: Piotiteet a component iprior to implementation low Indined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering Major to a close friend lystem Design - To what degree did your system design experiance address the following: Addressed Political issues Program Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Function on multidisciplinary teams Bystem Design - To what degree did your system design experience address the following: Addressed Ethical Issues	4.19 4.99 3.65 5.18 4.71 4.24	4.70 5.38 4.13 5.54 5.17 4.78	-0.6 -0.5 -0.4 -0.4 -0.4 -0.4 -0.4 -0.4

If a section is blank, this means that there were no questions that met illose conditions.

University of Wisconsin-Madison

Question Competitive Analysis: Longitudinal Comparison for Engineering Major; Chemical

St Positivo Difference Berween This You's Obsetton Means and Last Year's Question Means	2008	2007	Differed
'rogram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to: Use modern engineering tools acceptle to our primary academic major	8.00	5,44	0.56
idvising/Computing - Advising/Computing - Satisfaction with: Academic advising by non-faculty	5.12	4.60	0.52
lystem Dasign - To what degree uild your system dasign experience address the following: Addressed Environmental issues	5.53	5.02	0.51
low inclined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering Major to a close friend	4.89	4.41	0.48
lystem Design - To what degree did your system design experience address the following: Addressed Economic issues	5.89	5.42	0.43
latisfaction with: Quality of Engineering classrooms	5.26	4,85	0.40
lourse Comparison - Quality of teaching to your Engineering courses compare to the quality of teaching in Non-Engineering courses on this campus	5.47	5.08	0.38
lystem Design - To what degree did your system design experience address the following: Addressed Sustainability Issues	5.45	5.08	0.37
lystom Design - To what degree did your system design experience address the following: Addressed Health and Safety issues	5.39	5.08	0.33
Obited Work in your Engineering major - Instruction and Faculty in your Major Course Work - Quality of: Teaching	5.08	4.71	0.30
istisfaction with: Engineering curriculum instructors presentation of technology issues	5.21	4.91	0.30
Iragram Culcomes and Assessment - Skill Davologment - Degree that engineering education enhanced ability for Dasign a system, component or process to need desired needs	5.97	5.71	0.21
tragram Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to. Apply knowledge of science	8.34	8.08	0.28
tarear Services - Career Services - Satisfaction with: Assistance in preparation for pormanent job search	5.78	5.54	0.24
regrem Outcomes and Assessment - Skill Development - Degree that engineering education enhanced ability to. Communicate using oral progress reports	5.19	4.97	0.27
at Magative Difference servicon This Year's Question Means and Last Year's Question Mannata	11 12008 (c. 18	2007	Difform
sboratory Facilities*/6 - Laboratory Facilities - Degree that laboratory facilities; Fostered student/faculty interaction	5.00	5.67	-0.6
regram Outcomes and Assessment - Skill Development - Degree that ong neering adveation entranced ability to: Function on multiplicate/teams	5.10	5.70	-0.58
low Inclined are you to recommend your. How inclined are you to recommend your Undergraduate Engineering School to a close friend	5.34	5.80	-0.40
atisfaction with quality of teaching in required course work: (if course not taken on this compus, extect "not applicable") Differential Equations	4.53	4.94	-0.41
etisfaction with: Accessibility of major course instructors outside of class	5.27	5.64	< 2.31
lareer Services - Career Services - Satisfaction with: Number of companies regruiting on campus	5.63	6.00	<0.31
atisfaction with: Responsiveness to major course instructors to student concerns	4.97	5.33	-0.30
stisfaction with quality of teaching in required course work: (if course not taker: on this campus, select "not applicable") Physics	4.12	4.47	-0.35
locase work in your Engineering major - Instruction and Faculty in your Major Course Work - Quality of: Student/faculty Interaction	4.34	4.67	-0.33
arent Services - Garcer Services - Settlefection with: Quality of companies recruiting on campus	5.70	6.03	-0.33
aboratory Facilities <td>5.18</td> <td>5.47</td> <td>-0.29</td>	5.18	5.47	-0.29
alisfaction with quality of teaching in required course work: (if course not taken on this cambus, select "not applicable") Chemistry	5.50	5.75	-0.2
regram Outcomes and Assessment - Skill Development - Degree that engineering education onhanced ability to: Analyze and Interpret data	5.05	6.26	-0.2
regram Outcomes and Assessment - Skill Development - Degree that engineering admostion onhanced ability to: Analyze and interpret data Comparing the expense to the quality of education, rate the value of the investment made in Undergraduata Engineering program	6.05 5.08	6.26 5.27	-0.21 -0.19

If a section is blank, this means that there were no questions that met those conditions.

Decreasing scores

- 50 analyze and interpret data -.2, at 6.05
- 38 satisfaction with fellow students on teams -.52
- Lowest absolute
 - Pilot test 4.17
 - Global and societal context 4.97
- Decreasing faculty-related items
 - Lab interactions
 - Availability