

Chairs' & Center Directors' Meeting Minutes

Date: October 26, 2016
Location: WCH – Room 443
Attendees:

Mitch Boretz
Marek Chrobak
Pat Hartney
Xiaoping Hu
Ashok Mulchandani
Nosang Myung
Walid Najjar
Marko Princevac
Masa Rao (for Guillermo Aguilar)
Ravi
Amit Roy-Chowdhury (for Jay Farrell)
Kambiz Vafai
Sharon Walker

Absent: Guillermo Aguilar
Alex Balandin
Matt Barth
Bir Bhanu
Jay Farrell
Tom Stahovich
Albert Wang

1. Welcome and call for agenda items – Sharon

No items were added to the agenda.

2. Approval of minutes from August 22, 2016 Meeting – Pat

The minutes of the August 22nd meeting were approved.

3. Dean's Search Update – Sharon

Guillermo was unavailable for this meeting but Sharon reported that the Provost is scheduled to update the Dean's Search Committee on Monday (10/31).

4. Graduate Education – Ravi

Ravi reported that over 200 students have started BCOE grad student applications in GradSIS. He noted that the fraction of domestic grad students in BCOE has decreased from about 50% to 45%. He stated that BCOE programs should try to increase the percentage of domestic grad students. BCOE is participating in the national name exchange of potential grad student applicants with other colleges of engineering. He submitted our list of potential grad students to the exchange and received about 7,000 names in return. These names were given to the Grad Division so that they can coordinate communication with these potential applicants.

Ravi will be asking BCOE Grad Assistants this year to follow-up with applicants that haven't completed GradSIS applications. Ravi should have more grad application data in about one month.

Also, Ravi reported that site prep for MRB1 will start in November. He noted that there will likely be significant traffic issues on campus while MRB1 is under construction.

It was noted that there will be an internal UCR search for the new Grad Division Dean. Since a large percentage of UCR grad student applicants and enrolled students are in BCOE, it was hoped that one or more BCOE faculty members would apply for this position.

A meeting has been scheduled to discuss research collaborations with CNAS and the School of Medicine. On a related topic, Xiaoping mentioned that the campus' new 3-Tesla MRI was delivered last Saturday (10/22). Tours will be available for BCOE researchers interested in using this equipment.

5. Undergraduate Education – Marko

Marko presented several Powerpoint slides on undergrad enrollment management, unit reduction efforts and ABET (see attached presentation).

It was noted that UCR is planning to increase the number of incoming undergrads next year but not as much as originally planned (due to this year's high number of incoming students).

An ABET Consultant will be hired by the Dean's Office by the end of FY 16/17. In response to a question regarding employer surveys, it was noted that a new BCOE Senior Development Officer is expected to be hired soon. This person will be responsible for maintaining contact with BCOE alumni. An Assistant Development Officer will also be hired and about 20% of a new AAIM position in the Dean's Office will be dedicated to ABET support. In addition, Jun Wang can provide assistance with contacting employers. Ravi noted that employers now only need to be contacted for ABET (representative) stakeholder surveys, not outcome surveys. Lastly, Sharon indicated that she is meeting with a BCOE Senior Development Officer candidate this week.

6. Updates from Recent Council of Advisors Meeting – Sharon

Sharon reported that Matt Barth and Alex Balandin gave updates of CE-CERT and CNSE respectively at Monday's BCOE Council of Advisors meeting. The Advisors recommended that there should be enhanced coordination with the School of Medicine and that efforts be made to build bridges with the Los Alamos National Lab (LANL). One option being investigated is seed funding for joint BCOE/LANL projects.

Sharon reported that UCR's \$300M Capital Campaign has been announced. BCOE's share of this \$300M goal is \$55M. Areas of particular focus are increased funding for endowments, student scholarships and senior design projects.

7. Provost's Diversity in Engineering Fellows Program – Sharon

Sharon reported that UCR is one of three UC campuses selected to receive UCOP funding to enhance diversity in engineering faculty. This funding will be used to add \$200K to initial complement packages for selected diversity faculty candidates and to fund an initial postdoc year for these candidates. Up to three BCOE candidates will be hired under this Provost's Diversity in Engineering Fellows program. Selected faculty could represent additional faculty lines for BCOE if they don't fit into this year's replacement or cluster hire search areas. Sharon will provide more details in her upcoming one-on-one meetings with department chairs. A search

committee needs to be formed for these diversity candidates. Sharon asked each chair to send her nominations for faculty representatives for this committee. Xiaoping nominated Victor Rodgers and Nosang nominated Ruoxue Yan. Also, she asked chairs to send her venues that this search ad should be placed.

8. College Fall Meeting/Staff Appreciation (December 9) - Pat

Pat announced that this year's BCOE Staff Appreciation Day has been scheduled for Friday, December 9th starting at noon in WCH 205/206. The format will be similar to previous years and will include a "Pokemon Go" theme. As part of this event, he asked that Chairs/Directors email Eilene with instances of BCOE staff doing excellent jobs or going above and beyond their jobs. It is hoped that most BCOE staff will receive a prize during this event. BCOE laptop backpacks will be given to all attendees.

9. Department Updates – Chairs/Directors

CEE: Nosang reported that the department is now at full staffing and that the faculty search ad has gone out.

MSOL: Kambiz stated that there are 92 students in the MSOL Program this fall quarter. The average GPA for these students has increased from an entering average of 3.1 to 3.5 after the first year in MSOL. The most popular MSOL Specializations are Data Science and ME. Pat added that departments will receive 80% of the net income for each MSOL Specialization after the end of AY 16/17.

CSE: Marek asked if the Grad Division will be providing a return of grad student application fees this year. Ravi responded that the Grad Division is looking into this issue and hopes to be able to provide departments with some portion of this funding.

ECE: Amit reported that the external Grad Council review of ECE is scheduled for December 8th – 9th. Also, the ECE departmental office renovation has been completed.

BIEN: Xiaoping stated that the departmental faculty recruitment ad is ready to go.

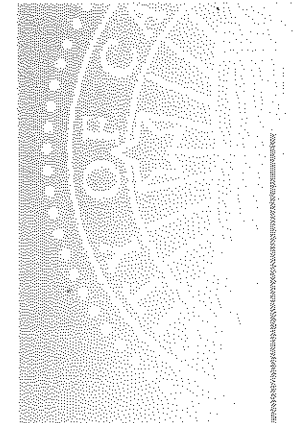
No other topics were discussed.

Chairs' & Center Directors' Meeting

October 26, 2016
Agenda

Winston Chung Hall – Room 443

- | | | |
|-----|--|------------------|
| 1. | Welcome - Request for Agenda Items from the Floor | Sharon |
| 2. | Approval of Minutes from August 22, 2016 Meeting | Pat |
| 3. | Graduate Education | Ravi |
| 4. | Undergraduate Education | Marko |
| 5. | Senate Updates | Tom |
| 6. | Updates from recent CoA | Sharon |
| 7. | Dean's Search Update | Guillermo |
| 8. | Provost's Diversity in Engineering Fellows Program | Sharon |
| 9. | College Fall Meeting/Staff Appreciation (December 9) | Pat |
| 10. | Department Updates | Chairs/Directors |

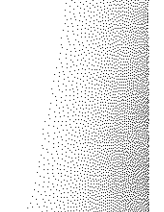


Bourns College of Engineering

We Engineer Excellence

Chairs and Center Directors Meeting
Undergraduate Affairs

October 26, 2016



- Transfer Discovery Day (10/21), Freshmen Discovery (11/19) – faculty research slides
- Restoring BCOE Teaching Award – annual/biannual - nominations from department
- Formalizing/streamlining relationship/communication with RCOE STEM group – currently sparse/insufficient/unclear expectations
- Corona NAVSEA – seminars, visit to Carderock and having them as grad students in BCOE
- ABET – meeting/discussions with coordinators (onlineethics.org)
- Enrollment Management

Enrollment Management

- New person in charge of scheduling: Kimberly Wolf – experienced, comes from math
- Expect hiccups/minor problems with BANNER (e.g. advisor had “a hold” ...) – everything is getting up to speed
- 60% on MWF rule is from Academic Scheduling not our office
- Classrooms based on continuing UCR students. GPP, etc. cannot be justification – have ways to navigate.
- Jay: Enrollment projection (Rod in charge)
1.25(UCR+GPP+UCP+PGEM+UNEX) to hit min occupancy of 80% - cannot apply to big classes (e.g. ME)
- When scheduling Google doc is preferred over strings of emails

Unit Reduction

There are two options:

1. If what was submitted to the provost is not an option anymore, please resubmit the corrected form to me. Also, complete again the online form/survey at: [BFI Major Requirements Survey](#).
or
2. Follow through with the mentioned changes.

CHEN and CS pushed/pushing the changes through.

EE canceled changes

ENV and MSE will push through?

CEN? Will coordinate with CS...

2012-2013 ABET Accreditation Results

Accredited until September 30, 2019 – full accreditation

Reaccreditation will be a comprehensive general review

A request for reaccreditation due to ABET by January 31, 2018

Self-Study Reports due July 1, 2018

Site visit will be sometime in the Fall (early November).

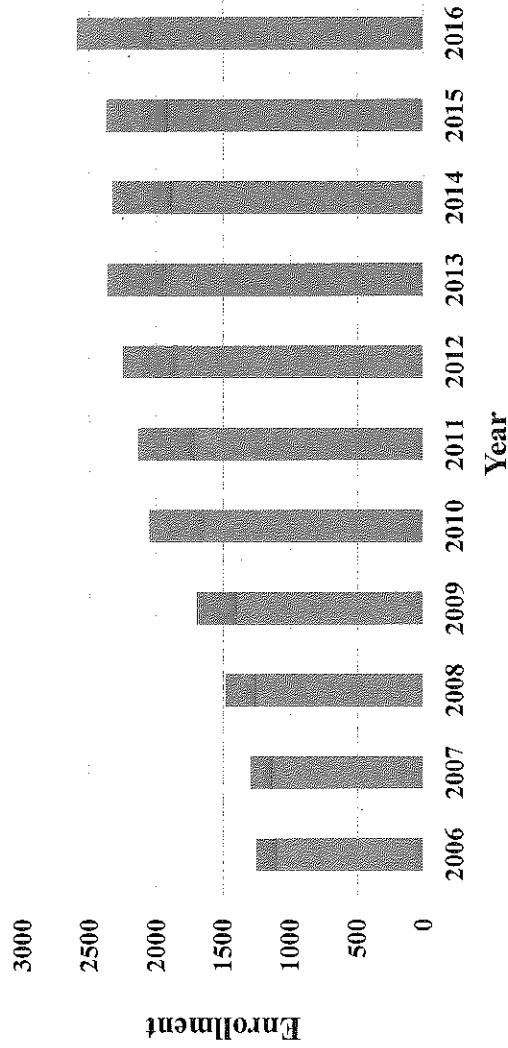
Action Items

Visit ABET.org, browse it a bit and download the self-study template. Templates are very well outlined!

- Check last cycle results for things to address: concerns...
- Document and assess each course offering - documentation is critical to a successful ABET review. Have instructors to complete course assessments and recommendations for each offering.
- Discuss ABET on faculty meetings – have discussion well documented in meeting minutes
- Hold annual/biannual stake holders meeting to discuss the program – preserve meeting minutes
- Deploy surveys for stake holders. Take advantage of Yale study.
- Do something extra to show innovation/dedication to UG engineering education – document it.

BCOE Enrollment

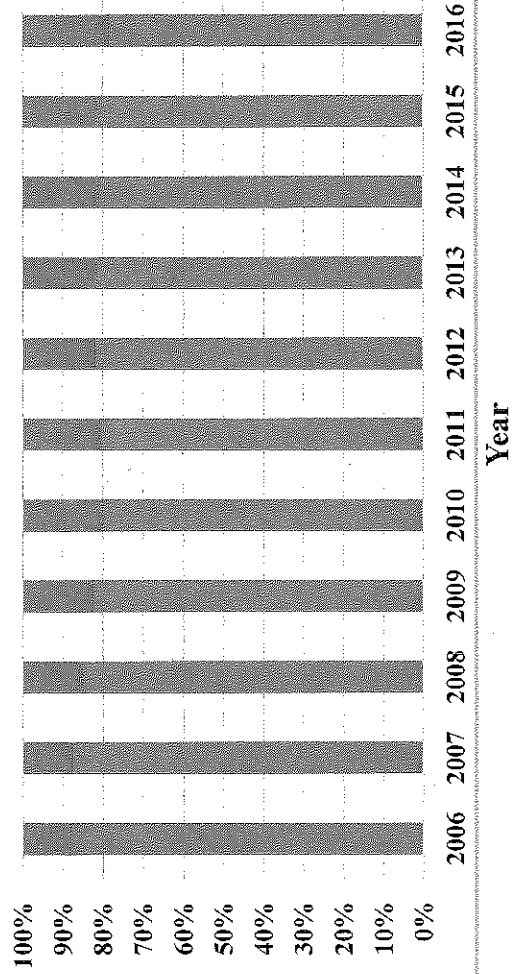
Enrollment at BCOE



Growth did not cause any extraordinary problems in class scheduling and availability

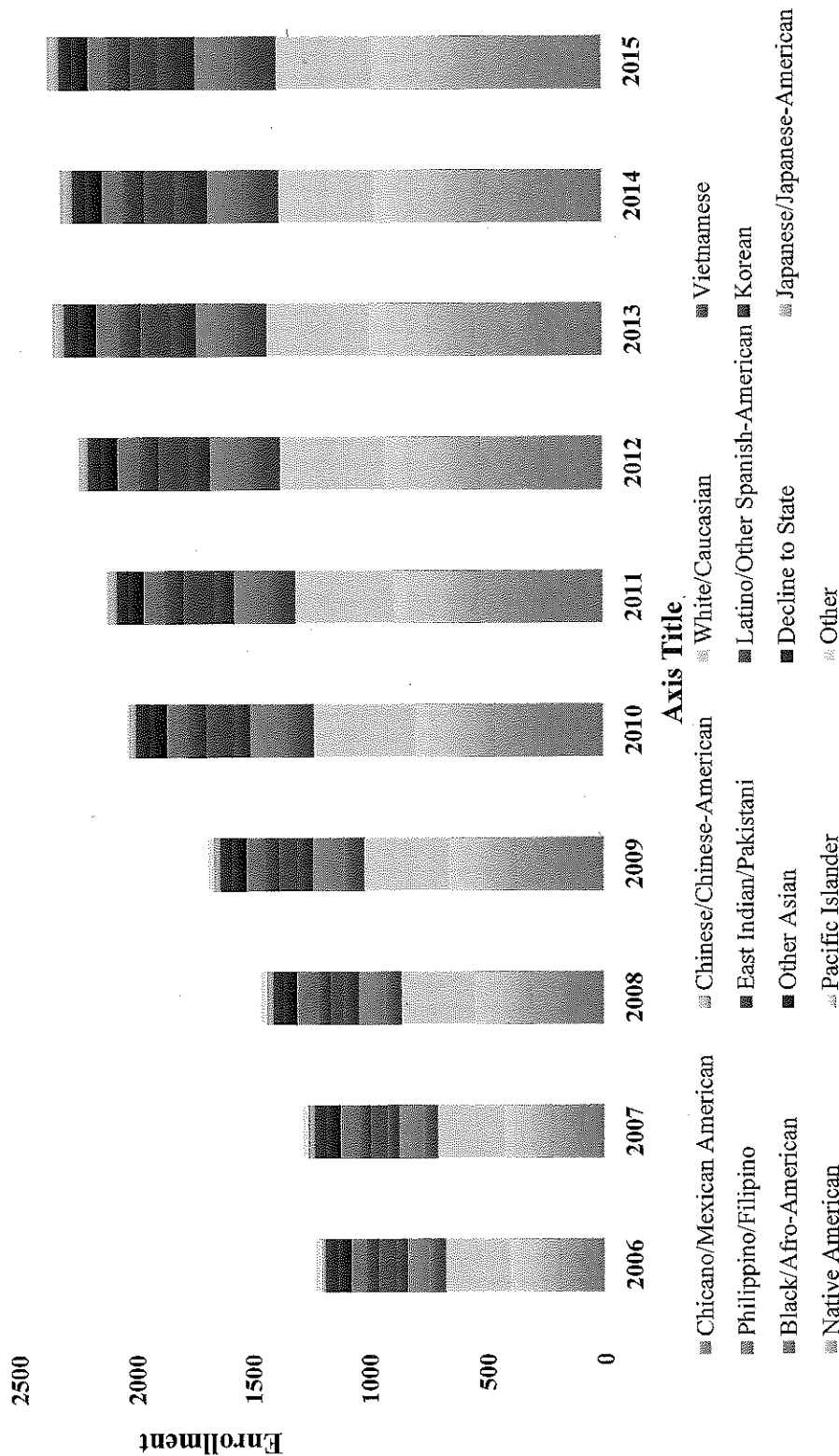
F_2017	Freshmen Transfer
BIEN	15
CEN	20
CHEN	20
CS	28
CSAB	10
ECE	30
ENVE	10
ME	20
MSE	10
BCOE	163
	Total: 646

Enrollment at BCOE



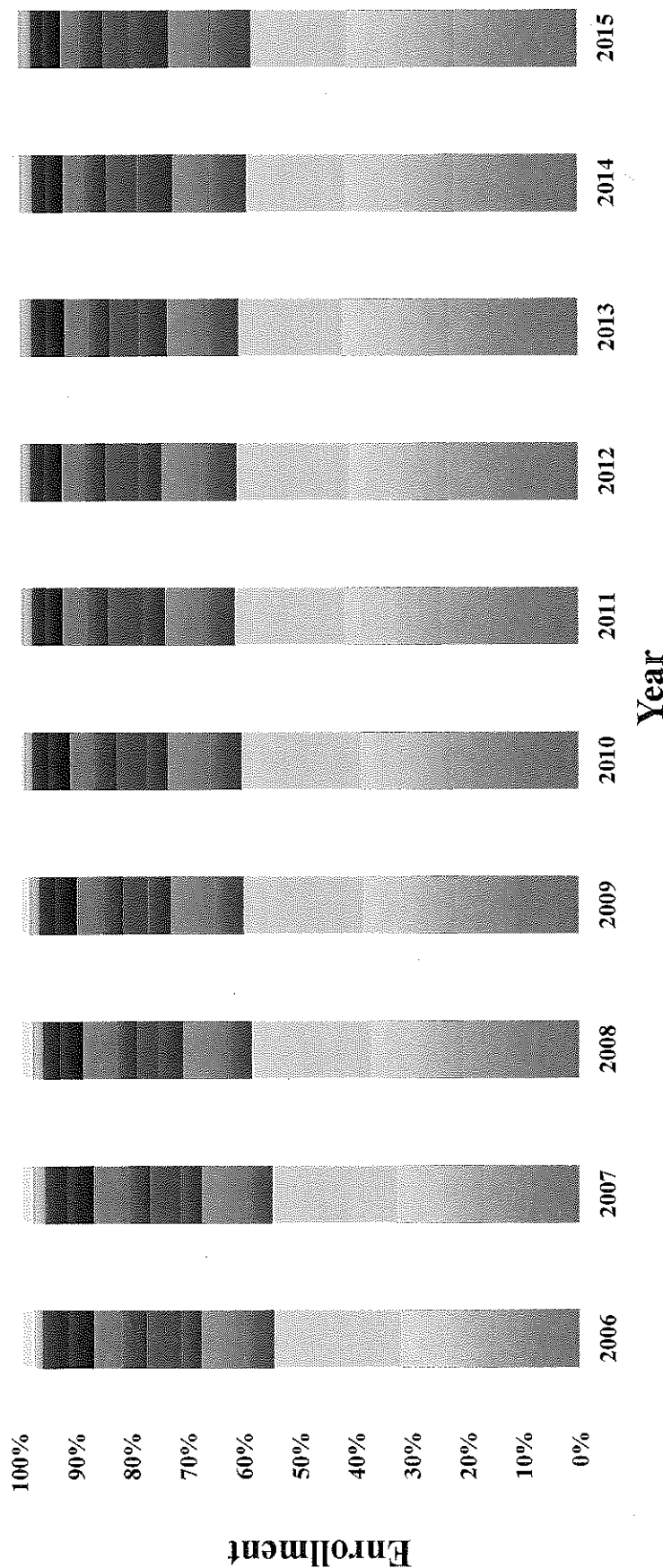
BCOE Enrollment

BCOE ENROLLMENT BY ETHNICITY OVER LAST 10 YEARS



BCOE Enrollment

BCOE ENROLLMENT BY ETHNICITY OVER LAST 10 YEARS



College statistics as of 10/07/2016

BCOE Freshmen

	Applicant		Admit		Gross SIR		Net SIR		Enrolled		Paid	
	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015
White	1134	908	757	480	110	84	96	74	95	74	95	74
Unknown	154	96	109	72	13	9	11	7	11	7	11	7
Non-Resident Alien	530	405	216	121	21	11	10	9	10	9	8	8
Multi-Racial	484	403	295	203	52	36	48	29	48	29	47	29
Hispanic/Latino	2703	2249	1022	665	273	141	241	127	240	127	239	125
Hawaiian/Pacific Islander	8	12	1	2	0	0	0	0	0	0	0	0
Asian	3268	2890	2070	1661	321	265	249	229	249	229	249	229
American Indian/Alaskan Native	2	5	0	0	0	0	0	0	0	0	0	0
African American/Black	267	205	78	48	16	9	9	9	9	9	9	9
Total	8550	7173	4548	3252	806	555	664	484	662	484	658	481

	Applicant		Admit/Applied %		Enrolled/Admit %		Enrolled/Applied %	
	2016	2015	2016	2015	2016	2015	2016	2015
White	1134	908	67	53	13	15	8	8
Unknown	154	96	71	75	10	10	7	7
Non-Resident Alien	530	405	41	30	5	7	2	2
Multi-Racial	484	403	61	50	16	14	10	7
Hispanic/Latino	2703	2249	38	30	23	19	9	6
Hawaiian/Pacific Islander	8	12	13	17	0	0	0	0
Asian	3268	2890	63	57	12	14	8	8
American Indian/Alaskan Native	2	5	0	0	0	0	0	0
African American/Black	267	205	29	23	12	19	3	4
Total	8550	7173	53	45	15	15	8	7

2016 in Numbers - BCOE Total

University of California, Riverside Fall 2016 Student Characteristics (BCOE)

	<u>Undergraduate</u>		<u>Graduate</u>		<u>Total</u>	
	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>	<u>N</u>	<u>%</u>
Total	2,590	100.0%	786	100.0%	3,376	100.0%
Gender						
Female	553	21.4%	210	26.7%	763	22.6%
Male	2,037	78.6%	576	73.3%	2,613	77.4%
Ethnicity						
African American/Black	48	1.9%	14	1.8%	62	1.8%
Asian	1,071	41.4%	82	10.4%	1,153	34.2%
Hawaiian/Pacific Islander	2	0.1%			2	0.1%
Hispanic/Latino	768	29.7%	64	8.1%	832	24.6%
International	64	2.5%	429	54.6%	493	14.6%
Multi-Racial	176	6.8%	30	3.8%	206	6.1%
Native American/Alaskan	2	0.1%	1	0.1%	3	0.1%
Unknown	35	1.4%	11	1.4%	46	1.4%
White	424	16.4%	155	19.7%	579	17.2%
Other Key Demographic Categories						
First Generation	1,169	45.1%				
Underrepresented Minority ¹	820	31.7%	79	10.1%	899	26.6%
Low Income ²	924	35.7%				

2016 in Numbers – BCOE New

	Undergraduate		Graduate		Total	
	N	%	N	%	N	%
New Students Only						
Total	803	100.0%	300	100.0%	1,103	100.0%
Gender						
Female	212	26.4%	88	29.3%	300	27.2%
Male	591	73.6%	212	70.7%	803	72.8%
Ethnicity						
African American/Black	13	1.6%	4	1.3%	17	1.5%
Asian	281	35.0%	34	11.3%	315	28.6%
Hawaiian/Pacific Islander						
Hispanic/Latino	292	36.4%	23	7.7%	315	28.6%
International	11	1.4%	164	54.7%	175	15.9%
Multi-Racial	62	7.7%	11	3.7%	73	6.6%
Native American/Alaskan						
Unknown	12	1.5%	3	1.0%	15	1.4%
White	132	16.4%	61	20.3%	193	17.5%
Other Key Demographic Categories						
First Generation	406	50.6%				
Underrepresented Minority ¹	305	38.0%	27	9.0%	332	30.1%
Low Income ²	301	37.5%				

College statistics as of 10/07/2016

	APPLICANT				ADMIT				NET SIR				ENROLL				PAID			
	Fall 2016 as of 10/7/16	Fall 2015 as of 10/7/15	# Diff	% Diff	Fall 2016 as of 10/7/16	Fall 2015 as of 10/7/15	# Diff	% Diff	Fall 2016 as of 10/7/16	Fall 2015 as of 10/7/15	# Diff	% Diff	Fall 2016 as of 10/7/16	Fall 2015 as of 10/7/15	# Diff	% Diff	Fall 2016 as of 10/7/16	Fall 2015 as of 10/7/15	# Diff	% Diff
TOTAL	53,592	48,063	5,529	11.5%	34,640	27,390	7,250	26.5%	6,707	5,422	1,285	23.7%	6,641	5,358	1,283	23.9%	6,568	5,293	1,275	24.1%
Bourne College of Engineering	10,665	8,796	1,869	21.2%	5,254	3,870	1,384	35.8%	817	650	167	25.7%	812	647	165	25.5%	803	636	167	26.3%
Freshmen	8,550	7,173	1,377	19.2%	4,548	3,252	1,296	39.9%	664	484	180	37.2%	662	484	178	36.8%	658	481	177	36.8%
CA Resident	7,119	6,252	867	13.9%	3,874	2,952	922	31.2%	648	470	178	37.9%	646	470	176	37.4%	644	468	176	37.6%
Direct/New	7,119	6,252	867	13.9%	3,874	2,952	922	31.2%	648	470	178	37.9%	646	470	176	37.4%	644	468	176	37.6%
International	1,008	701	307	43.8%	395	210	185	88.1%	12	9	3	33.3%	12	9	3	33.3%	10	8	2	25.0%
Direct/New	1,008	701	307	43.8%	395	210	185	88.1%	12	9	3	33.3%	12	9	3	33.3%	10	8	2	25.0%
Out of State	423	220	203	92.3%	279	90	189	210.0%	4	5	-1	-20.0%	4	5	-1	-20.0%	4	5	-1	-20.0%
Direct/New	423	220	203	92.3%	279	90	189	210.0%	4	5	-1	-20.0%	4	5	-1	-20.0%	4	5	-1	-20.0%
Transfers	2,115	1,623	492	30.3%	706	618	88	14.2%	153	166	-13	-7.8%	150	163	-13	-8.0%	145	155	-10	-6.5%
CA Resident	1,862	1,415	447	31.6%	624	532	92	17.3%	143	140	3	2.1%	140	139	1	0.7%	141	140	1	0.7%
Direct/New	1,862	1,415	447	31.6%	624	532	92	17.3%	143	140	3	2.1%	140	139	1	0.7%	141	140	1	0.7%
Referral	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
International	217	184	33	17.9%	77	84	-7	-8.3%	10	26	-16	-61.5%	10	24	-14	-58.3%	4	15	-11	-73.3%
Direct/New	217	184	33	17.9%	77	84	-7	-8.3%	10	26	-16	-61.5%	10	24	-14	-58.3%	4	15	-11	-73.3%
Out of State	36	24	12	50.0%	5	2	3	150.0%	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a

College statistics as of 10/07/2016

BCOE Transfers												
	Applicant		Admit		Gross SIR		Net SIR		Enrolled		Paid	
	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015
White	479	392	173	148	47	54	37	42	37	42	37	42
Unknown	33	17	13	7	3	3	1	1	1	1	1	1
Non-Resident Alien	207	177	77	84	12	29	10	26	10	24	4	15
Multi-Racial	136	111	37	36	16	17	14	14	14	14	14	14
Hispanic/Latino	556	399	182	167	68	60	55	45	52	44	53	44
Hawaiian/Pacific Islander	2	0	0	0	0	0	0	0	0	0	0	0
Asian	644	489	210	170	47	57	32	38	32	38	32	38
American Indian/Alaskan Native	3	1	0	0	0	0	0	0	0	0	0	0
African American/Black	55	37	14	6	5	1	4	0	4	0	4	1
Total	2115	1623	706	618	198	221	153	166	150	163	145	155

UCR statistics as of 09/10/2016

COLLEGE	APPLIED				ADMITTED			
	Fall 2015	Fall 2016	# DIFF.	% DIFF.	Fall 2015	Fall 2016	# DIFF.	% DIFF.
College of Engineering	8,796	10,665	1869	21.2%	3,871	5,255	1384	35.8%
Freshman	7,173	8,550	1377	19.2%	3,253	4,549	1296	39.8%
Transfer	1,623	2,115	492	30.3%	618	706	88	14.2%
EAP	0	0	0	n/a	0	0	0	n/a
College of Humanities, Arts, and Social Sciences	22,473	25,311	2838	12.6%	14,099	17,908	3809	27.0%
Freshman	18,108	20,108	2000	11.0%	10,610	13,763	3153	29.7%
Transfer	4,365	5,203	838	19.2%	3,489	4,145	656	18.8%
EAP	0	0	0	n/a	0	0	0	n/a
College of Natural and Agricultural Sciences	15,377	16,095	718	4.7%	8,688	10,840	2152	24.8%
Freshman	13,220	13,967	747	5.7%	7,741	9,964	2223	28.7%
Transfer	2,157	2,128	-29	-1.3%	947	876	-71	-7.5%
EAP	0	0	0	n/a	0	0	0	n/a
School of Business Administration	1,417	1,521	104	7.3%	732	637	-95	-13.0%
Transfer	1,417	1,521	104	7.3%	732	637	-95	-13.0%
EAP	0	0	0	n/a	0	0	0	n/a
TOTAL *	48,063	53,592	5529	11.5%	27,390	34,640	7250	26.5%

UCR statistics as of 09/10/2016

COLLEGE	ACCEPTED				ENROLLED			
	Fall 2015	Fall 2016	# DIFF.	% DIFF.	Fall 2015	Fall 2016	# DIFF.	% DIFF.
College of Engineering	651	818	167	25.7%	648	813	165	25.5%
Freshman	485	665	180	37.1%	485	663	178	36.7%
Transfer	166	153	-13	-7.8%	163	150	-13	-8.0%
EAP	0	0	0	n/a	0	0	0	n/a
College of Humanities, Arts, and Social Sciences	2,887	3,591	704	24.4%	2,840	3,546	706	24.9%
Freshman	2,055	2,720	665	32.4%	2,045	2,707	662	32.4%
Transfer	832	871	39	4.7%	795	839	44	5.5%
EAP	0	0	0	n/a	0	0	0	n/a
College of Natural and Agricultural Sciences	1,735	2,177	442	25.5%	1,726	2,168	442	25.6%
Freshman	1,524	2,016	492	32.3%	1,519	2,009	490	32.3%
Transfer	211	161	-50	-23.7%	207	159	-48	-23.2%
EAP	0	0	0	n/a	0	0	0	n/a
School of Business Administration	150	121	-29	-19.3%	147	117	-30	-20.4%
Transfer	150	121	-29	-19.3%	147	117	-30	-20.4%
EAP	0	0	0	n/a	0	0	0	n/a
TOTAL*	5,423	6,707	1284	23.7%	5,361	6,644	1283	23.9%

UCR statistics as of 09/10/2016

BY LEVEL	APPLIED				ADMITTED			
	Fall 2015	Fall 2016	# DIFF.	% DIFF.	Fall 2015	Fall 2016	# DIFF.	% DIFF.
Freshman	38,501	42,625	4124	10.7%	21,604	28,276	6672	30.9%
Transfer	9,562	10,967	1405	14.7%	5,786	6,364	578	10.0%
TOTAL *	48,063	53,592	5529	11.5%	27,390	34,640	7250	26.5%

BY LEVEL	ACCEPTED				ENROLLED			
	Fall 2015	Fall 2016	# DIFF.	% DIFF.	Fall 2015	Fall 2016	# DIFF.	% DIFF.
Freshman	4,064	5,401	1337	32.9%	4,049	5,379	1330	32.8%
Transfer	1,359	1,306	-53	-3.9%	1,312	1,265	-47	-3.6%
TOTAL *	5,423	6,707	1284	23.7%	5,361	6,644	1283	23.9%

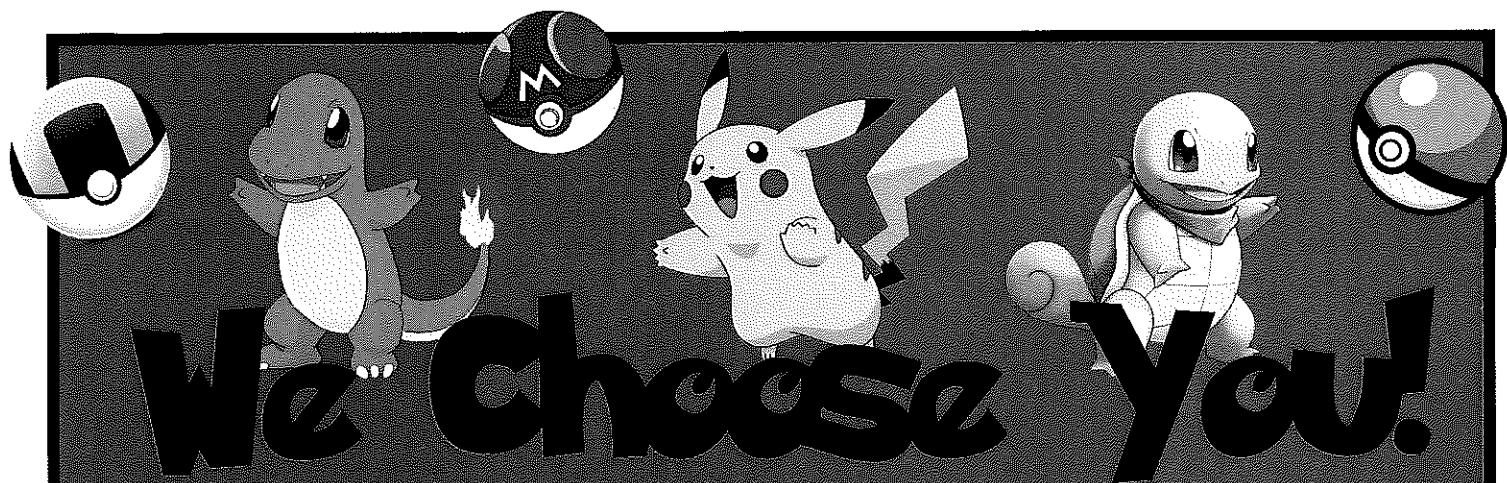
Program statistics as of 10/01/2016

10/1/2016	APPLIED			ADMITTED			ACCEPTED			ENROLLED		
	Fall 2015	Fall 2016	# DIFF.	% DIFF.	Fall 2015	Fall 2016	# DIFF.	% DIFF.	Fall 2015	Fall 2016	# DIFF.	% DIFF.
FRESHMAN												
Bioengineering (BIEN)	397	427	30	7.6%	311	487	176	56.6%	42	83	41	97.6%
Bioengineering BS+MS (BEBM)	386	338	-48	-12.4%	118	110	-8	-6.8%	12	6	-6	-50.0%
Bus. Informatics (BUNF)	146	186	40	27.4%	205	123	-82	-40.0%	39	27	-12	-30.8%
Chemical Egr. (CHEN)	323	423	100	31.0%	269	394	125	46.5%	36	74	38	105.6%
Chem Egr BS+MS (CHBM)	137	142	5	3.6%	36	20	-16	-44.4%	5	2	-3	-60.0%
Computer Egr (CEN)	555	744	189	34.1%	316	464	148	46.8%	69	83	14	20.3%
Computer Egr BS+MS (CNBM)	431	489	58	13.5%	71	63	-8	-11.3%	5	2	-3	-60.0%
Computer Science (ENCS)	1,431	1,854	423	29.6%	447	866	419	93.7%	43	72	29	67.4%
Comp. Sci. BS+MS (CSBM)	660	753	93	14.1%	133	186	53	39.8%	13	12	-1	-7.7%
Electrical Egr (ELEN)	358	445	87	24.3%	361	471	110	30.5%	76	102	26	34.2%
Electrical Egr BS+MS (EEBM)	243	270	27	11.1%	41	48	7	17.1%	4	1	-3	-75.0%
Environmental Egr (ENEN)	199	239	40	20.1%	214	274	60	28.0%	38	49	11	28.9%
Enviro. Egr. BS+MS (ENBM)	124	140	16	12.9%	26	26	0	0.0%	2	1	-1	-50.0%
Materials Sci & Eng (MSE)	108	142	34	31.5%	110	121	11	10.0%	16	28	12	75.0%
Mechanical Egr (MCEN)	1,137	1,359	222	19.5%	518	802	284	54.8%	80	114	34	42.5%
Mech. Egr. BS+MS (MCBM)	538	599	61	11.3%	77	94	17	22.1%	5	7	2	40.0%
Total	7,173	8,550	1,377	19.2%	3,253	4,549	1,296	39.8%	485	663	178	36.7%

Program statistics as of 10/01/2016

TRANSFER		113	143	30	26.5%	53	54	1	1.9%	22	14	-8	-36.4%	22	14	-8	-36.4%
Bioengineering (BIEN)		0	2	2	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Bioengineering BS+MS (BEBM)		21	25	4	19.0%	2	6	4	200.0%	2	3	1	50.0%	2	3	1	50.0%
Bus. Informatics (BUNF)		214	218	4	1.9%	97	120	23	23.7%	25	33	8	32.0%	25	31	6	24.0%
Chemical Egr. (CHEN)		0	1	1	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Chem Egr BS+MS (CHBM)		108	138	30	27.8%	28	29	1	3.6%	13	10	-3	-23.1%	13	10	-3	-23.1%
Computer Egr (CEN)		0	1	1	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Computer Egr BS+MS (CNBM)		478	734	256	53.6%	126	176	50	39.7%	29	28	-1	-3.4%	29	28	-1	-3.4%
Computer Science (ENCS)		2	6	4	200.0%	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Comp. Sci. BS+MS (CSBM)		215	226	11	5.1%	97	83	-14	-14.4%	20	14	-6	-30.0%	19	14	-5	-26.3%
Electrical Egr (ELEN)		3	1	-2	-66.7%	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Electrical Egr BS+MS (EEBM)		58	61	3	5.2%	30	29	-1	-3.3%	4	3	-1	-25.0%	3	3	0	0.0%
Environmental Egr (ENEN)		0	1	1	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Enviro. Egr. BS+MS (ENBM)		8	8	0	0.0%	7	7	0	0.0%	7	6	-1	-14.3%	7	6	-1	-14.3%
Limited (ENLM)		28	57	29	103.6%	29	27	-2	-6.9%	8	6	-2	-25.0%	7	5	-2	-28.6%
Materials Sci & Eng (MSE)		375	492	117	31.2%	149	175	26	17.4%	36	36	0	0.0%	36	36	0	0.0%
Mechanical Egr (MCEN)		0	1	1	n/a	0	0	0	n/a	0	0	0	n/a	0	0	0	n/a
Mech. Egr. BS+MS (MCBM)		1,62	2,115	492	30.3%	618	706	88	14.2%	166	153	-13	-7.8%	163	150	-13	-8.0%
Total		3	2,115	492	30.3%	618	706	88	14.2%	166	153	-13	-7.8%	163	150	-13	-8.0%

TOTAL		510	570	60	11.8%	384	541	177	48.6%	64	98	34	53.1%	64	97	33	51.6%
Bioengineering (BIEN)		386	340	-46	-11.9%	118	110	-8	-6.8%	12	6	-6	-50.0%	12	6	-6	-50.0%
Bioengineering BS+MS (BEBM)		167	211	44	26.3%	207	129	-78	-37.7%	41	30	-11	-26.8%	41	30	-11	-26.8%
Bus. Informatics (BUNF)		537	641	104	19.4%	366	514	148	40.4%	61	107	46	75.4%	61	105	44	72.1%
Chemical Egr. (CHEN)		137	143	6	4.4%	36	20	-16	-44.4%	5	2	-3	-60.0%	5	2	-3	-60.0%
Chem Egr BS+MS (CHBM)		663	882	219	33.0%	344	493	149	43.3%	82	93	11	13.4%	82	93	11	13.4%
Computer Egr (CEN)		431	490	59	13.7%	71	63	-8	-11.3%	5	2	-3	-60.0%	5	2	-3	-60.0%
Computer Egr BS+MS (CNBM)		1,90	2,588	679	35.6%	573	1,042	469	81.8%	72	100	28	38.9%	72	100	28	38.9%
Computer Science (ENCS)		662	759	97	14.7%	133	186	53	39.8%	13	12	-1	-7.7%	13	12	-1	-7.7%
Comp. Sci. BS+MS (CSBM)		573	671	98	17.1%	458	554	96	21.0%	96	116	20	20.8%	95	116	21	22.1%
Electrical Egr (ELEN)		246	271	25	10.2%	41	48	7	17.1%	4	1	-3	-75.0%	4	1	-3	-75.0%
Electrical Egr BS+MS (EEBM)		257	300	43	16.7%	244	303	59	24.2%	42	52	10	23.8%	41	52	11	26.8%
Environmental Egr (ENEN)		124	141	17	13.7%	26	26	0	0.0%	2	1	-1	-50.0%	2	1	-1	-50.0%
Enviro. Egr. BS+MS (ENBM)		8	8	0	0.0%	7	7	0	0.0%	7	6	-1	-14.3%	7	6	-1	-14.3%
Limited (ENLM)		136	199	63	46.3%	139	148	9	6.5%	24	35	11	45.8%	23	33	10	43.5%
Materials Sci & Eng (MSE)		1,51	2,151	339	22.4%	667	977	310	46.5%	116	150	34	29.3%	116	150	34	29.3%
Mechanical Egr (MCEN)		538	600	62	11.5%	77	94	17	22.1%	5	7	2	40.0%	5	7	2	40.0%
Mech. Egr. BS+MS (MCBM)		8,79	6,10,665	1369	21.2%	3,871	5,255	1,384	35.8%	651	818	167	25.7%	648	813	165	25.5%
TOTAL		6	10,665	1369	21.2%	3,871	5,255	1,384	35.8%	651	818	167	25.7%	648	813	165	25.5%



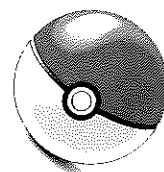
We Choose You!

To celebrate the most awesome staff of all!

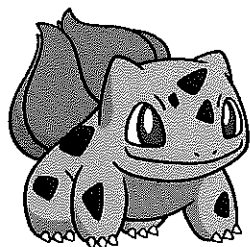
BCOE Staff Appreciation

When: Friday, December 9
High Noon

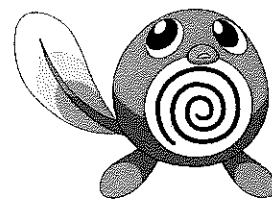
Where: WCH 205/206



RSVP: Send email to:
deansdesk@engr.ucr.edu



POKÉMON
Gotta catch 'em all!



Let's cheer our fellow Staff by sending in a special commendation Pokégram! Catch every single one of your coworkers in the act of doing a wonderful job in their BCOE roles. Every submission will be shared with that staff member at our grand event and presented to them as part of their keepsake. So won't you help catch them all?

Send your captions to: deansdesk@engr.ucr.edu and let's see just how many Pokéballs we can fill up for each of our staff members!

