

Biological, Health, Environmental Sciences and Workforce Education Division

Course Number	Course Title	Established Seat Count	# of Sections Reduced	"Single" Load Factor	Total Load	Savings in FTEF @ \$63,00	# of Students Affected
AUTO 50A	Intro. Auto Principles	40	1	0.089	0.089	\$ 5,607.00	40
AUTO 50B	Applied Auto Principles	24	1	0.074	0.074	\$ 4,662.00	24
AUTO 50B	Applied Auto Principles	24	2	0.074	0.148	\$ 9,324.00	48
AUTO 51B	Applied Auto Principles - Cassis	24	2	0.074	0.148	\$ 9,324.00	48
AUTO 53A	Auto Mechanisms	24	1	0.1	0.1	\$ 6,300.00	24
AUTO 60	Auto Electrical Systems	24	1	0.2	0.2	\$ 12,600.00	24
AUTO 60A	Electrical Schematic Diagnosis	24	1	0.1	0.1	\$ 6,300.00	24
AUTO 60K	Adv. Body Electric	24	1	0.1	0.1	\$ 6,300.00	24
AUTO 60M	Hybrid Electric Vehicles	24	1	0.1	0.1	\$ 6,300.00	24
AUTO 61A	Auto Brake Systems	24	1	0.1	0.1	\$ 6,300.00	24
AUTO 62B	Advanced Wheel Alignment	24	1	0.2	0.2	\$ 12,600.00	24
AUTO 64HP	Hi Performance Engine Preparation	24	1	0.2	0.2	\$ 12,600.00	24
AUTO 66	Auto Air Conditioning	24	1	0.1	0.1	\$ 6,300.00	24
AUTO 69Y	Smog Update	24	3	0.033	0.099	\$ 6,237.00	72
BIOL 006A	Form and Function in the Biological World (2nd lab section)	32	2	0.095	0.19	\$ 11,970.00	64
BIOL 006A	Form and Function in the Biological World (lec+lab section)	32	2	0.184	0.368	\$ 23,184.00	64
BIOL 006B	Cell and Molecular Biology	32	1	0.095	0.095	\$ 5,985.00	32
BIOL 006B	Cell and Molecular Biology	32	1	0.184	0.184	\$ 11,592.00	32
BIOL 006C	Evolution and Ecology	32	1	0.184	0.184	\$ 11,592.00	32
BIOL 10	Introductory Biology (lec+lab section)	32	5	0.137	0.685	\$ 43,155.00	160
BIOL 10	Introductory Biology (2nd lab section)	32	5	0.048	0.24	\$ 15,120.00	160
BIOL 10	Introductory Biology (lec+lab section)	32	2	0.137	0.274	\$ 17,262.00	64
BIOL 10	Introductory Biology (2nd lab section)	32	2	0.048	0.096	\$ 6,048.00	64
BIOL 10	Introductory Biology (lec+lab section)	32	1	0.137	0.137	\$ 8,631.00	32
BIOL 10	Introductory Biology (2nd lab section)	32	1	0.048	0.048	\$ 3,024.00	32
BIOL 11	Human Biology (2nd lab section)	32	5	0.048	0.24	\$ 15,120.00	160
BIOL 11	Human Biology (lec + lab section)	32	5	0.137	0.685	\$ 43,155.00	160
BIOL 11	Human Biology (2nd lab section)	32	2	0.048	0.096	\$ 6,048.00	64
BIOL 11	Human Biology (lec + lab section)	32	2	0.137	0.274	\$ 17,262.00	64
BIOL 11	Human Biology (2nd lab section)	32	1	0.048	0.048	\$ 3,024.00	32
BIOL 11	Human Biology (lec + lab section)	32	1	0.137	0.137	\$ 8,631.00	32
BIOL 13	Marine Biology (2nd lab section)	32	1	0.048	0.048	\$ 3,024.00	32
BIOL 13	Marine Biology (lec+lab section)	32	1	0.137	0.137	\$ 8,631.00	32
BIOL 15	California Ecology (2nd lab section)	32	1	0.048	0.048	\$ 3,024.00	32
BIOL 15	California Ecology (lec+lab section)	32	1	0.137	0.137	\$ 8,631.00	32
BIOL 26	Introductory Microbiology (lec+lab)	28	3	0.184	0.552	\$ 34,776.00	84
BIOL 26	Introductory Microbiology (lec+lab)	28	1	0.184	0.184	\$ 11,592.00	28
BIOL 40A	Human Anatomy and Physiology (2nd lab)	32	3	0.048	0.144	\$ 9,072.00	96
BIOL 40A	Human Anatomy and Physiology (lec+lab)	32	3	0.137	0.411	\$ 25,893.00	96
BIOL 40A	Human Anatomy and Physiology (2nd lab)	32	1	0.048	0.048	\$ 3,024.00	32
BIOL 40A	Human Anatomy and Physiology (lec+lab)	32	1	0.137	0.137	\$ 8,631.00	32
BIOL 40B	Human Anatomy and Physiology (2nd lab)	32	3	0.048	0.144	\$ 9,072.00	96
BIOL 40B	Human Anatomy and Physiology (lec+lab)	32	3	0.137	0.411	\$ 25,893.00	96
BIOL 40B	Human Anatomy and Physiology (2nd lab)	32	1	0.048	0.048	\$ 3,024.00	32
BIOL 40B	Human Anatomy and Physiology (lec+lab)	32	1	0.137	0.137	\$ 8,631.00	32
BIOL 40C	Human Anatomy and Physiology (2nd lab)	32	2	0.048	0.096	\$ 6,048.00	64
BIOL 40C	Human Anatomy and Physiology (lec+lab)	32	2	0.137	0.274	\$ 17,262.00	64
E S 003	Imagery of the Environment	32	1	0.089	0.089	\$ 5,607.00	32

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E S 006	Introduction to Environmental Law	32	1	0.089	0.089	\$ 5,607.00	32
E S 30	Conservation Biology	32	1	0.111	0.111	\$ 6,993.00	32
E S 61B	Environmental Protection and Pollution Prevention	32	1	0.089	0.089	\$ 5,607.00	32
ES 001	Intro to ES MW - F, Wtr, Spr	50	3	0.089	0.267	\$ 16,821.00	150
ES 001	Intro to ES TTH 8:30 am F, Wtr, Spr	40	3	0.089	0.267	\$ 16,821.00	120
ES 001	Intro to ES	50	4	0.089	0.356	\$ 22,428.00	200
ES 002	Human, Env & Sust TTH - F, Wtr, Spr	40	3	0.089	0.267	\$ 16,821.00	120
ES 002-61	Humans, Env & Sustain - F, Wtr, Spr	40	3	0.089	0.267	\$ 16,821.00	120
ES 003	Imagery and Env	32	1	0.089	0.089	\$ 5,607.00	32
ES 50	Intro Poll Prev - cut 1 sect	32	1	0.089	0.089	\$ 5,607.00	32
ES 56	Env Health/Justice - cut 1 sect	32	1	0.089	0.089	\$ 5,607.00	32
ES 58	Green Bldg	25	1	0.022	0.022	\$ 1,386.00	25
ES 65-68	Leadership series mediated learning ML	25	3	0.022	0.066	\$ 4,158.00	75
ES 66	Leadership live class	25	1	0.022	0.022	\$ 1,386.00	25
ES 69-79	Energy Management series ML	25	9	0.022	0.198	\$ 12,474.00	225
ES 79	Renew Energy - cut Spr section	25	1	0.022	0.022	\$ 1,386.00	25
ES 80	Field Studies Calif	25	2	0.022	0.044	\$ 2,772.00	50
ES 80 x	Field Studies Calif - cut all	25	1	0.044	0.044	\$ 2,772.00	25
ES 80 y	Field Studies Calif - cut all	25	1	0.067	0.067	\$ 4,221.00	25
ES 80 z	Field Studies Calif - cut all	25	1	0.089	0.089	\$ 5,607.00	25
ES 86	Global Field Studies	20	1	0.089	0.089	\$ 5,607.00	20
ES 90	Research Meth F, Spr	40	2	0.089	0.178	\$ 11,214.00	80
ES 95	Env Careers	20	1	0.022	0.022	\$ 1,386.00	20
ES 95A-D	Interships	5	1	0.022	0.022	\$ 1,386.00	5
ESCI 001	Env Science	60	2	0.089	0.178	\$ 11,214.00	120
ESCI 001L	Env Science Lab	50	1	0.048	0.048	\$ 3,024.00	50
ESCI 19	Env Biology Fridays F, Wtr, Spr Lab	40	3	0.048	0.144	\$ 9,072.00	120
ESCI 19	Env Biology Fridays F, Wtr, Spr Lec	40	3	0.089	0.267	\$ 16,821.00	120
ESCI 19	Env Biology TTH nights F, W, Spr lab	45	3	0.048	0.144	\$ 9,072.00	135
ESCI 19	Env Biology TTH nights F, W, Spr Lec	45	3	0.089	0.267	\$ 16,821.00	135
ESCI 19	Env Bio lecture	40	2	0.089	0.178	\$ 11,214.00	80
ESCI 19	Env Bio lab	40	2	0.048	0.096	\$ 6,048.00	80
ESCI 30	Conservation Bio lecture	32	1	0.089	0.089	\$ 5,607.00	32
ESCI 30	Conservation Bio lab	32	1	0.048	0.048	\$ 3,024.00	32
ESCI 50	Intro WCT Conn - cut Spring section	25	1	0.089	0.089	\$ 5,607.00	25
ESCI 50	Intro to Connectivity	32	1	0.044	0.044	\$ 2,772.00	32
ESCI 52	WCT: Animal Tracking - cut spring	25	1	0.089	0.089	\$ 5,607.00	25
ESCI 52	Animal Tracking	32	1	0.022	0.022	\$ 1,386.00	32
ESCI 58	Advanced Tracking, Level 2	10	1	0.192	0.192	\$ 12,096.00	10
ESCI 61	Intro PV lec (cut Spring section)	25	1	0.0667	0.0667	\$ 4,202.10	25
ESCI 63	PV Lab (cut Spring section)	15	1	0.096	0.096	\$ 6,048.00	15
ESCI 82	Coyote Valley Tracking	10	1	0.048	0.048	\$ 3,024.00	10
ESCI 87	Diablo Range Tracking	10	1	0.048	0.048	\$ 3,024.00	10
ESCI 88	Santa Cruz Mts Tracking	10	1	0.048	0.048	\$ 3,024.00	10
HLTH 21	Health and Fitness	45	1	0.089	0.089	\$ 5,607.00	45
HLTH 51	Health and Fitness	25	1	0.044	0.044	\$ 2,772.00	25
HTEC 050-61	Orientation	75	1	0.037	0.037	\$ 2,331.00	75
HTEC 060A-01	Basic Medical Terminology	40	1	0.067	0.067	\$ 4,221.00	40
HTEC 060G-61	Advanced Medical Terminology	40	1	0.044	0.044	\$ 2,772.00	40
HTEC 061	Medical Communications	30	1	0.056	0.056	\$ 3,528.00	30
HTEC 064A	Basic Clinical Laboratory Procedures	35	1	0.056	0.056	\$ 3,528.00	35
HTEC 064B	Advanced Clinicl Laboratory Procedures	35	1	0.0556	0.0556	\$ 3,502.80	35
HTEC 064B	Advanced Clinicl Laboratory Procedures	35	1	0.056	0.056	\$ 3,528.00	35
HTEC 068-55F	Medical Reception Externship	10	1	0	0	\$ -	10
HTEC 073-61	Medical Law/Ethics	40	1	0.056	0.056	\$ 3,528.00	40

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HTEC 074	Medical Transcription with Advanced Terminology	20	1	0	0	\$ -	20
HTEC 075-01	Medical Office Management	20	1	0.056	0.056	\$ 3,528.00	20
HTEC 083	CI Microbiology Laboratory	25	1	0.07	0.07	\$ 4,410.00	25
HTEC 083A	CI Microbiology Lecture	25	1	0.1	0.1	\$ 6,300.00	25
HTEC 095-55F	Externship	34	1	0.143	0.143	\$ 9,009.00	34
HTEC 096-55F	Externship	34	1	0.191	0.191	\$ 12,033.00	34
HTEC 101A	Skill Building in Clinical Lab Procedures	15	2	0.0476	0.0952	\$ 5,997.60	30
HTEC 101C	Skill Building in Medical Communications and Medical Transcription	50	1	0.048	0.048	\$ 3,024.00	50
HTEC 180	CI Hem/Coag/UA Practica	10	1	0	0	\$ -	10
HTEC 183	CI Micro Practica	10	1	0	0	\$ -	10
HTEC 184	CI Immunology/Immunochem pract	10	1	0	0	\$ -	10
HTEC 185	CI Chemistry Pract	10	1	0.286	0.286	\$ 18,018.00	10
MCNC 061A	Survey of Writing & data Comm.	45	3	0.074	0.222	\$ 13,986.00	135
MCNC 061A	Survey of Writing & data Comm.	45	1	0.074	0.074	\$ 4,662.00	45
MCNC 062A	Technical Calculations	45	3	0.074	0.222	\$ 13,986.00	135
MCNC 062A	Technical Calculations	45	1	0.074	0.074	\$ 4,662.00	45
MCNC 071	Intro to machining and CNC	24	1	0.167	0.167	\$ 10,521.00	24
NURS 50	Career Opportunities in Nursing	100	6	0.0444	0.2664	\$ 16,783.20	600
NUTR 10	Contemporary Nutrition	40	4	0.089	0.356	\$ 22,428.00	160
NUTR 10	Contemporary Nutrition	40	3	0.089	0.267	\$ 16,821.00	120
NUTR 10	Contemporary Nutrition	40	1	0.089	0.089	\$ 5,607.00	40
NUTR 62	Nutrition and Athletic Performance	40	2	0.044	0.088	\$ 5,544.00	80
			213			\$ 1,085,231.70	7305

Complete List of Reductions TARGET: \$1,097,342	
Course Reductions (from above)	\$1,085,231.70
No Reductions of Full-Time Faculty, Staff or Administrative Personnel	\$0.00
B Budget Reduction	\$12,110.30
Total Reduction	\$1,097,342.00

Impact to BHES-WE Division

- Elimination of all 2012 Summer courses for the entire Division.
- 12% budget reduction results in a reduction to student enrollment opportunities of **34.4%**.
- Reductions delay sequence completion, pre-requisite completion, program completion in CTE programs and decrease eligible applicants to these programs.
- Reductions include core courses for completion of AA/AS degrees, GE & career technical certificates - delaying student progress to degrees/certificates.
- Reductions include courses for transfer and transfer contracts - delays transfer.
- Eliminates majority of part-time instructors and on the edge of not having full loads for all full time faculty.