

Some Statistics on Student GPAs

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1 Natives vs. Transfers, EECS vs. L&S

The following tables reflect data taken from snapshots of the Registrar's student database in March of 1999 and March of 1998, covering semesters up to Fall 1998. They compare the performance of transfer students and "native" students from both EECS and L&S (however the data from L&S is only from the March 1999 snapshot).

The tables report numbers of instances of each grade for various groups of students—that is, the number of A's, B's, etc., handed out to particular groups of students. They also estimate mean grades (*not* weighted by units), and the standard deviations of those estimates. where the averaging is over all letter grades (A–F) received; that is, the rows marked "Mean" do not count P/NP courses.

1.1 All UC courses

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	94.8%	(3170)	92.3%	(1182)	95.1%	(809)	96.9%	(185)
NP	5.2%	(174)	7.7%	(99)	4.9%	(42)	3.1%	(6)
A+	7.1%	(1345)	5.8%	(334)	6.9%	(217)	4.0%	(30)
A	20.3%	(3856)	17.5%	(1002)	27.6%	(867)	23.2%	(174)
A-	13.9%	(2638)	13.0%	(744)	18.9%	(596)	14.9%	(112)
B+	14.0%	(2659)	13.1%	(749)	16.8%	(530)	18.1%	(136)
B	15.2%	(2887)	15.6%	(891)	15.0%	(472)	16.8%	(126)
B-	8.5%	(1607)	10.4%	(594)	5.4%	(170)	6.9%	(52)
C+	5.9%	(1129)	7.2%	(410)	3.3%	(103)	6.4%	(48)
C	6.8%	(1297)	7.8%	(448)	3.6%	(114)	5.6%	(42)
C-	3.2%	(613)	3.7%	(214)	0.9%	(29)	2.3%	(17)
D+	0.6%	(122)	1.1%	(61)	0.2%	(5)	0.3%	(2)
D	2.0%	(375)	2.2%	(126)	0.8%	(24)	0.3%	(2)
D-	0.3%	(56)	0.4%	(22)	0.2%	(5)	0.0%	(0)
F	2.1%	(395)	2.2%	(125)	0.5%	(15)	1.3%	(10)
Mean (#)	3.12	(18979)	3.02	(5720)	3.40	(3147)	3.23	(751)
σ	0.01		0.01		0.01		0.03	

1.2 Lower-division EE

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	97.4%	(556)	96.7%	(174)	97.4%	(111)	96.2%	(25)
NP	2.6%	(15)	3.3%	(6)	2.6%	(3)	3.8%	(1)
A+	7.4%	(81)	6.2%	(21)	7.4%	(12)	2.6%	(1)
A	18.8%	(205)	18.8%	(64)	16.6%	(27)	17.9%	(7)
A-	13.0%	(142)	11.7%	(40)	19.0%	(31)	12.8%	(5)
B+	12.9%	(141)	15.5%	(53)	22.7%	(37)	15.4%	(6)
B	14.4%	(157)	15.0%	(51)	19.6%	(32)	23.1%	(9)
B-	8.9%	(97)	9.7%	(33)	6.1%	(10)	17.9%	(7)
C+	4.9%	(53)	5.0%	(17)	3.7%	(6)	10.3%	(4)
C	9.5%	(104)	8.8%	(30)	3.1%	(5)	0.0%	(0)
C-	3.8%	(42)	5.3%	(18)	1.2%	(2)	0.0%	(0)
D+	0.3%	(3)	0.3%	(1)	0.0%	(0)	0.0%	(0)
D	2.9%	(32)	2.3%	(8)	0.0%	(0)	0.0%	(0)
D-	0.1%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	3.0%	(33)	1.5%	(5)	0.6%	(1)	0.0%	(0)
Mean (#)	3.03	(1091)	3.06	(341)	3.33	(163)	3.22	(39)
σ	0.03		0.05		0.05		0.09	

1.3 Upper-division EE

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	98.1%	(154)	95.5%	(64)	77.8%	(7)	0.0%	(0)
NP	1.9%	(3)	4.5%	(3)	22.2%	(2)	0.0%	(0)
A+	4.5%	(76)	5.3%	(54)	0.0%	(0)	0.0%	(0)
A	17.0%	(285)	11.4%	(115)	30.8%	(4)	25.0%	(1)
A-	13.0%	(218)	10.0%	(101)	15.4%	(2)	0.0%	(0)
B+	13.9%	(233)	14.3%	(145)	7.7%	(1)	0.0%	(0)
B	18.8%	(314)	16.7%	(169)	23.1%	(3)	25.0%	(1)
B-	11.6%	(194)	12.2%	(124)	15.4%	(2)	0.0%	(0)
C+	5.1%	(86)	8.3%	(84)	7.7%	(1)	25.0%	(1)
C	6.2%	(103)	9.8%	(99)	0.0%	(0)	25.0%	(1)
C-	4.4%	(73)	4.2%	(43)	0.0%	(0)	0.0%	(0)
D+	0.9%	(15)	1.6%	(16)	0.0%	(0)	0.0%	(0)
D	1.8%	(30)	3.5%	(35)	0.0%	(0)	0.0%	(0)
D-	0.5%	(9)	0.6%	(6)	0.0%	(0)	0.0%	(0)
F	2.3%	(38)	2.2%	(22)	0.0%	(0)	0.0%	(0)
Mean (#)	3.03	(1674)	2.86	(1013)	3.34	(13)	2.83	(4)
σ	0.02		0.03		0.16		0.38	

1.4 Lower-division CS

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	78.3%	(202)	65.3%	(49)	94.1%	(80)	72.7%	(8)
NP	21.7%	(56)	34.7%	(26)	5.9%	(5)	27.3%	(3)
A+	10.2%	(300)	9.1%	(77)	10.3%	(64)	8.3%	(10)
A	18.7%	(547)	17.6%	(149)	31.7%	(197)	23.1%	(28)
A-	16.4%	(482)	15.7%	(133)	23.8%	(148)	24.0%	(29)
B+	16.2%	(475)	15.1%	(128)	16.2%	(101)	20.7%	(25)
B	12.9%	(379)	12.2%	(103)	10.9%	(68)	15.7%	(19)
B-	9.2%	(270)	10.5%	(89)	4.0%	(25)	5.0%	(6)
C+	5.5%	(162)	6.6%	(56)	1.8%	(11)	0.8%	(1)
C	3.7%	(108)	4.7%	(40)	0.6%	(4)	1.7%	(2)
C-	2.6%	(76)	2.7%	(23)	0.2%	(1)	0.8%	(1)
D+	1.1%	(31)	1.2%	(10)	0.2%	(1)	0.0%	(0)
D	1.3%	(38)	1.5%	(13)	0.2%	(1)	0.0%	(0)
D-	0.2%	(5)	0.6%	(5)	0.0%	(0)	0.0%	(0)
F	2.0%	(59)	2.4%	(20)	0.2%	(1)	0.0%	(0)
Mean (#)	3.21	(2932)	3.13	(846)	3.59	(622)	3.50	(121)
σ	0.02		0.03		0.02		0.04	

1.5 Upper-division CS

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	99.4%	(179)	98.6%	(70)	98.8%	(82)	100.0%	(24)
NP	0.6%	(1)	1.4%	(1)	1.2%	(1)	0.0%	(0)
A+	5.4%	(110)	3.9%	(43)	2.2%	(9)	0.0%	(0)
A	21.7%	(443)	14.8%	(164)	18.4%	(75)	10.2%	(14)
A-	12.0%	(245)	12.1%	(134)	12.3%	(50)	10.9%	(15)
B+	12.8%	(260)	12.5%	(138)	17.0%	(69)	17.5%	(24)
B	16.5%	(337)	18.1%	(201)	23.6%	(96)	18.2%	(25)
B-	8.8%	(180)	12.1%	(134)	7.4%	(30)	10.2%	(14)
C+	6.9%	(140)	6.9%	(77)	5.9%	(24)	7.3%	(10)
C	7.2%	(146)	9.4%	(104)	8.6%	(35)	14.6%	(20)
C-	3.5%	(71)	4.4%	(49)	2.5%	(10)	7.3%	(10)
D+	0.3%	(7)	1.0%	(11)	0.0%	(0)	0.7%	(1)
D	2.3%	(46)	1.8%	(20)	1.2%	(5)	0.7%	(1)
D-	0.1%	(3)	0.5%	(6)	0.5%	(2)	0.0%	(0)
F	2.4%	(49)	2.4%	(27)	0.5%	(2)	2.2%	(3)
Mean (#)	3.08	(2037)	2.93	(1108)	3.11	(407)	2.82	(137)
σ	0.02		0.03		0.04		0.07	

1.6 First semester junior year: Upper-division EE

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	96.9%	(31)	100.0%	(2)	0.0%	(0)	0.0%	(0)
NP	3.1%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	3.7%	(15)	5.4%	(5)	0.0%	(0)	0.0%	(0)
A	16.7%	(68)	9.8%	(9)	33.3%	(1)	0.0%	(0)
A-	12.1%	(49)	9.8%	(9)	0.0%	(0)	0.0%	(0)
B+	16.0%	(65)	20.7%	(19)	0.0%	(0)	0.0%	(0)
B	20.7%	(84)	14.1%	(13)	0.0%	(0)	0.0%	(0)
B-	11.1%	(45)	8.7%	(8)	66.7%	(2)	0.0%	(0)
C+	5.2%	(21)	13.0%	(12)	0.0%	(0)	0.0%	(0)
C	5.2%	(21)	10.9%	(10)	0.0%	(0)	0.0%	(0)
C-	4.2%	(17)	2.2%	(2)	0.0%	(0)	0.0%	(0)
D+	0.2%	(1)	1.1%	(1)	0.0%	(0)	0.0%	(0)
D	2.5%	(10)	2.2%	(2)	0.0%	(0)	0.0%	(0)
D-	0.2%	(1)	1.1%	(1)	0.0%	(0)	0.0%	(0)
F	2.2%	(9)	1.1%	(1)	0.0%	(0)	0.0%	(0)
Mean (#)	3.04	(406)	2.91	(92)	3.13	(3)	–	(0)
σ	0.04		0.09		0.35		–	

1.7 First semester junior year: Upper-division CS

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	100.0%	(37)	100.0%	(4)	100.0%	(15)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	5.8%	(30)	12.5%	(1)	3.8%	(4)	0.0%	(0)
A	28.0%	(144)	37.5%	(3)	21.0%	(22)	0.0%	(0)
A-	12.4%	(64)	12.5%	(1)	17.1%	(18)	0.0%	(0)
B+	10.7%	(55)	12.5%	(1)	19.0%	(20)	0.0%	(0)
B	14.2%	(73)	0.0%	(0)	21.0%	(22)	0.0%	(0)
B-	7.8%	(40)	0.0%	(0)	3.8%	(4)	0.0%	(0)
C+	8.0%	(41)	12.5%	(1)	3.8%	(4)	0.0%	(0)
C	5.6%	(29)	12.5%	(1)	7.6%	(8)	0.0%	(0)
C-	3.5%	(18)	0.0%	(0)	1.9%	(2)	0.0%	(0)
D+	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D	1.7%	(9)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	1.0%	(1)	0.0%	(0)
F	2.3%	(12)	0.0%	(0)	0.0%	(0)	0.0%	(0)
Mean (#)	3.17	(515)	3.41	(8)	3.26	(105)	–	(0)
σ	0.04		0.27		0.07		–	

1.8 Second semester junior year: Upper-division EE

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	96.3%	(26)	100.0%	(6)	100.0%	(3)	0.0%	(0)
NP	3.7%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.4%	(14)	2.1%	(4)	0.0%	(0)	0.0%	(0)
A	15.9%	(51)	7.9%	(15)	66.7%	(2)	0.0%	(0)
A-	13.4%	(43)	11.6%	(22)	0.0%	(0)	0.0%	(0)
B+	11.2%	(36)	13.2%	(25)	0.0%	(0)	0.0%	(0)
B	15.3%	(49)	17.5%	(33)	33.3%	(1)	0.0%	(0)
B-	15.0%	(48)	15.9%	(30)	0.0%	(0)	0.0%	(0)
C+	5.0%	(16)	11.1%	(21)	0.0%	(0)	0.0%	(0)
C	7.8%	(25)	12.2%	(23)	0.0%	(0)	0.0%	(0)
C-	5.0%	(16)	4.2%	(8)	0.0%	(0)	0.0%	(0)
D+	1.6%	(5)	0.5%	(1)	0.0%	(0)	0.0%	(0)
D	2.2%	(7)	2.1%	(4)	0.0%	(0)	0.0%	(0)
D-	0.3%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	3.1%	(10)	1.6%	(3)	0.0%	(0)	0.0%	(0)
Mean (#)	2.94	(321)	2.82	(189)	3.67	(3)	–	(0)
σ	0.05		0.06		0.27		–	

1.9 Second semester junior year: Upper-division CS

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	96.9%	(31)	91.7%	(11)	90.9%	(10)	100.0%	(2)
NP	3.1%	(1)	8.3%	(1)	9.1%	(1)	0.0%	(0)
A+	6.5%	(28)	4.1%	(5)	2.6%	(2)	0.0%	(0)
A	22.1%	(95)	14.6%	(18)	17.1%	(13)	50.0%	(2)
A-	11.9%	(51)	11.4%	(14)	14.5%	(11)	25.0%	(1)
B+	13.5%	(58)	16.3%	(20)	14.5%	(11)	0.0%	(0)
B	17.0%	(73)	15.4%	(19)	22.4%	(17)	0.0%	(0)
B-	10.0%	(43)	12.2%	(15)	11.8%	(9)	25.0%	(1)
C+	5.6%	(24)	8.9%	(11)	5.3%	(4)	0.0%	(0)
C	6.3%	(27)	11.4%	(14)	6.6%	(5)	0.0%	(0)
C-	2.6%	(11)	1.6%	(2)	1.3%	(1)	0.0%	(0)
D+	0.7%	(3)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D	2.6%	(11)	1.6%	(2)	1.3%	(1)	0.0%	(0)
D-	0.2%	(1)	0.0%	(0)	1.3%	(1)	0.0%	(0)
F	0.9%	(4)	2.4%	(3)	1.3%	(1)	0.0%	(0)
Mean (#)	3.15	(429)	2.98	(123)	3.09	(76)	3.60	(4)
σ	0.04		0.08		0.09		0.27	

1.10 First semester senior year: Upper-division EE

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	100.0%	(36)	100.0%	(12)	100.0%	(1)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.7%	(14)	2.9%	(5)	0.0%	(0)	0.0%	(0)
A	18.3%	(54)	11.5%	(20)	20.0%	(1)	0.0%	(0)
A-	13.2%	(39)	9.2%	(16)	40.0%	(2)	0.0%	(0)
B+	12.2%	(36)	20.7%	(36)	20.0%	(1)	0.0%	(0)
B	17.3%	(51)	17.8%	(31)	0.0%	(0)	0.0%	(0)
B-	11.9%	(35)	12.6%	(22)	0.0%	(0)	0.0%	(0)
C+	4.7%	(14)	6.3%	(11)	20.0%	(1)	0.0%	(0)
C	7.1%	(21)	8.6%	(15)	0.0%	(0)	0.0%	(0)
C-	4.4%	(13)	4.6%	(8)	0.0%	(0)	0.0%	(0)
D+	1.0%	(3)	0.6%	(1)	0.0%	(0)	0.0%	(0)
D	1.7%	(5)	2.3%	(4)	0.0%	(0)	0.0%	(0)
D-	1.4%	(4)	0.6%	(1)	0.0%	(0)	0.0%	(0)
F	2.0%	(6)	2.3%	(4)	0.0%	(0)	0.0%	(0)
Mean (#)	3.02	(295)	2.90	(174)	3.40	(5)	–	(0)
σ	0.05		0.07		0.27		–	

1.11 First semester senior year: Upper-division CS

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	100.0%	(36)	100.0%	(9)	100.0%	(7)	100.0%	(3)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.3%	(18)	3.4%	(8)	1.2%	(1)	0.0%	(0)
A	18.3%	(77)	11.4%	(27)	13.1%	(11)	6.7%	(1)
A-	12.4%	(52)	7.2%	(17)	11.9%	(10)	6.7%	(1)
B+	14.0%	(59)	11.0%	(26)	21.4%	(18)	0.0%	(0)
B	19.5%	(82)	19.9%	(47)	21.4%	(18)	20.0%	(3)
B-	7.8%	(33)	11.9%	(28)	7.1%	(6)	20.0%	(3)
C+	5.7%	(24)	8.9%	(21)	8.3%	(7)	13.3%	(2)
C	7.1%	(30)	16.1%	(38)	9.5%	(8)	26.7%	(4)
C-	4.3%	(18)	5.1%	(12)	4.8%	(4)	0.0%	(0)
D+	0.5%	(2)	0.8%	(2)	0.0%	(0)	0.0%	(0)
D	2.1%	(9)	2.1%	(5)	1.2%	(1)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	4.0%	(17)	2.1%	(5)	0.0%	(0)	6.7%	(1)
Mean (#)	2.99	(421)	2.79	(236)	3.03	(84)	2.49	(15)
σ	0.05		0.06		0.08		0.23	

1.12 EE 40

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.8%	(35)	5.1%	(11)	0.0%	(0)	0.0%	(0)
A	15.5%	(113)	17.8%	(38)	22.2%	(2)	0.0%	(0)
A-	11.2%	(82)	8.9%	(19)	0.0%	(0)	0.0%	(0)
B+	12.3%	(90)	17.8%	(38)	22.2%	(2)	25.0%	(1)
B	16.6%	(121)	16.8%	(36)	11.1%	(1)	25.0%	(1)
B-	10.6%	(77)	7.9%	(17)	0.0%	(0)	25.0%	(1)
C+	4.8%	(35)	3.3%	(7)	11.1%	(1)	25.0%	(1)
C	12.5%	(91)	11.7%	(25)	22.2%	(2)	0.0%	(0)
C-	4.7%	(34)	5.1%	(11)	11.1%	(1)	0.0%	(0)
D+	0.3%	(2)	0.5%	(1)	0.0%	(0)	0.0%	(0)
D	3.7%	(27)	3.3%	(7)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	3.0%	(22)	1.9%	(4)	0.0%	(0)	0.0%	(0)
Mean (#)	2.90	(729)	2.98	(214)	2.84	(9)	2.83	(4)
σ	0.04		0.06		0.28		0.18	

1.13 EE 41I

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	100.0%	(1)	25.0%	(1)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	75.0%	(3)	0.0%	(0)
A+	8.3%	(1)	10.3%	(3)	50.0%	(1)	0.0%	(0)
A	50.0%	(6)	6.9%	(2)	0.0%	(0)	50.0%	(1)
A-	8.3%	(1)	20.7%	(6)	50.0%	(1)	0.0%	(0)
B+	25.0%	(3)	17.2%	(5)	0.0%	(0)	0.0%	(0)
B	8.3%	(1)	13.8%	(4)	0.0%	(0)	0.0%	(0)
B-	0.0%	(0)	17.2%	(5)	0.0%	(0)	0.0%	(0)
C+	0.0%	(0)	6.9%	(2)	0.0%	(0)	50.0%	(1)
C	0.0%	(0)	3.4%	(1)	0.0%	(0)	0.0%	(0)
C-	0.0%	(0)	3.4%	(1)	0.0%	(0)	0.0%	(0)
D+	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
Mean (#)	3.72	(12)	3.19	(29)	3.85	(2)	3.15	(2)
σ	0.11		0.12		0.11		0.60	

1.14 CS 61A

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	100.0%	(1)	100.0%	(1)	0.0%	(0)	0.0%	(0)
A+	10.6%	(100)	5.7%	(17)	12.3%	(23)	10.5%	(4)
A	12.1%	(114)	11.7%	(35)	28.9%	(54)	10.5%	(4)
A-	14.4%	(135)	13.1%	(39)	23.5%	(44)	18.4%	(7)
B+	18.1%	(170)	17.4%	(52)	17.1%	(32)	23.7%	(9)
B	16.1%	(151)	15.4%	(46)	12.8%	(24)	21.1%	(8)
B-	11.0%	(103)	12.8%	(38)	1.6%	(3)	10.5%	(4)
C+	5.6%	(53)	9.1%	(27)	1.6%	(3)	2.6%	(1)
C	4.3%	(40)	4.4%	(13)	1.1%	(2)	2.6%	(1)
C-	3.7%	(35)	3.4%	(10)	0.0%	(0)	0.0%	(0)
D+	1.8%	(17)	2.3%	(7)	0.5%	(1)	0.0%	(0)
D	1.2%	(11)	0.7%	(2)	0.5%	(1)	0.0%	(0)
D-	0.2%	(2)	1.0%	(3)	0.0%	(0)	0.0%	(0)
F	1.0%	(9)	3.0%	(9)	0.0%	(0)	0.0%	(0)
Mean (#)	3.13	(940)	2.96	(298)	3.58	(187)	3.33	(38)
σ	0.03		0.05		0.04		0.08	

1.15 CS 61B

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	77.8%	(7)	100.0%	(2)	100.0%	(2)	0.0%	(0)
NP	22.2%	(2)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.7%	(33)	4.4%	(9)	2.6%	(4)	3.1%	(1)
A	17.3%	(121)	18.6%	(38)	34.9%	(53)	28.1%	(9)
A-	20.2%	(141)	23.0%	(47)	34.2%	(52)	28.1%	(9)
B+	19.1%	(133)	18.1%	(37)	17.1%	(26)	25.0%	(8)
B	11.5%	(80)	11.3%	(23)	7.2%	(11)	9.4%	(3)
B-	9.5%	(66)	10.8%	(22)	2.0%	(3)	6.2%	(2)
C+	7.7%	(54)	4.4%	(9)	1.3%	(2)	0.0%	(0)
C	4.3%	(30)	4.9%	(10)	0.0%	(0)	0.0%	(0)
C-	1.9%	(13)	2.5%	(5)	0.0%	(0)	0.0%	(0)
D+	0.6%	(4)	0.5%	(1)	0.0%	(0)	0.0%	(0)
D	1.4%	(10)	0.5%	(1)	0.0%	(0)	0.0%	(0)
D-	0.3%	(2)	0.5%	(1)	0.0%	(0)	0.0%	(0)
F	1.6%	(11)	0.5%	(1)	0.7%	(1)	0.0%	(0)
Mean (#)	3.18	(698)	3.26	(204)	3.63	(152)	3.57	(32)
σ	0.03		0.05		0.04		0.07	

1.16 CS 61C

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	77.8%	(7)	100.0%	(2)	100.0%	(2)	0.0%	(0)
NP	22.2%	(2)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.7%	(33)	4.4%	(9)	2.6%	(4)	3.1%	(1)
A	17.3%	(121)	18.6%	(38)	34.9%	(53)	28.1%	(9)
A-	20.2%	(141)	23.0%	(47)	34.2%	(52)	28.1%	(9)
B+	19.1%	(133)	18.1%	(37)	17.1%	(26)	25.0%	(8)
B	11.5%	(80)	11.3%	(23)	7.2%	(11)	9.4%	(3)
B-	9.5%	(66)	10.8%	(22)	2.0%	(3)	6.2%	(2)
C+	7.7%	(54)	4.4%	(9)	1.3%	(2)	0.0%	(0)
C	4.3%	(30)	4.9%	(10)	0.0%	(0)	0.0%	(0)
C-	1.9%	(13)	2.5%	(5)	0.0%	(0)	0.0%	(0)
D+	0.6%	(4)	0.5%	(1)	0.0%	(0)	0.0%	(0)
D	1.4%	(10)	0.5%	(1)	0.0%	(0)	0.0%	(0)
D-	0.3%	(2)	0.5%	(1)	0.0%	(0)	0.0%	(0)
F	1.6%	(11)	0.5%	(1)	0.7%	(1)	0.0%	(0)
Mean (#)	3.18	(698)	3.26	(204)	3.63	(152)	3.57	(32)
σ	0.03		0.05		0.04		0.07	

1.17 EECS 150

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	3.8%	(16)	3.1%	(8)	5.4%	(4)	0.0%	(0)
A	22.3%	(93)	11.8%	(30)	8.1%	(6)	15.8%	(3)
A-	11.0%	(46)	9.8%	(25)	17.6%	(13)	10.5%	(2)
B+	15.8%	(66)	11.4%	(29)	23.0%	(17)	10.5%	(2)
B	14.9%	(62)	17.7%	(45)	9.5%	(7)	5.3%	(1)
B-	11.5%	(48)	17.3%	(44)	9.5%	(7)	15.8%	(3)
C+	7.2%	(30)	10.2%	(26)	9.5%	(7)	10.5%	(2)
C	5.5%	(23)	9.4%	(24)	8.1%	(6)	15.8%	(3)
C-	3.1%	(13)	4.7%	(12)	4.1%	(3)	10.5%	(2)
D+	0.2%	(1)	1.2%	(3)	0.0%	(0)	5.3%	(1)
D	2.2%	(9)	1.2%	(3)	4.1%	(3)	0.0%	(0)
D-	0.0%	(0)	0.4%	(1)	1.4%	(1)	0.0%	(0)
F	2.4%	(10)	1.6%	(4)	0.0%	(0)	0.0%	(0)
Mean (#)	3.09	(417)	2.87	(254)	2.99	(74)	2.76	(19)
σ	0.04		0.05		0.10		0.19	

1.18 CS 152

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	100.0%	(1)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	5.0%	(6)	7.8%	(6)	0.0%	(0)	0.0%	(0)
A	24.4%	(29)	26.0%	(20)	33.3%	(1)	0.0%	(0)
A-	15.1%	(18)	11.7%	(9)	0.0%	(0)	50.0%	(1)
B+	15.1%	(18)	13.0%	(10)	0.0%	(0)	0.0%	(0)
B	18.5%	(22)	15.6%	(12)	33.3%	(1)	50.0%	(1)
B-	6.7%	(8)	10.4%	(8)	0.0%	(0)	0.0%	(0)
C+	3.4%	(4)	1.3%	(1)	0.0%	(0)	0.0%	(0)
C	5.9%	(7)	5.2%	(4)	33.3%	(1)	0.0%	(0)
C-	1.7%	(2)	5.2%	(4)	0.0%	(0)	0.0%	(0)
D+	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D	1.7%	(2)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D-	0.8%	(1)	2.6%	(2)	0.0%	(0)	0.0%	(0)
F	1.7%	(2)	1.3%	(1)	0.0%	(0)	0.0%	(0)
Mean (#)	3.22	(119)	3.20	(77)	3.00	(3)	3.35	(2)
σ	0.08		0.10		0.47		0.25	

1.19 EE 105

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	100.0%	(1)	0.0%	(0)	0.0%	(0)
A+	4.0%	(15)	4.7%	(9)	0.0%	(0)	0.0%	(0)
A	11.3%	(42)	7.3%	(14)	0.0%	(0)	0.0%	(0)
A-	10.2%	(38)	7.8%	(15)	0.0%	(0)	0.0%	(0)
B+	14.3%	(53)	11.4%	(22)	0.0%	(0)	0.0%	(0)
B	19.4%	(72)	18.1%	(35)	0.0%	(0)	100.0%	(1)
B-	11.3%	(42)	10.9%	(21)	0.0%	(0)	0.0%	(0)
C+	6.5%	(24)	11.9%	(23)	0.0%	(0)	0.0%	(0)
C	10.8%	(40)	15.5%	(30)	0.0%	(0)	0.0%	(0)
C-	4.3%	(16)	4.1%	(8)	0.0%	(0)	0.0%	(0)
D+	1.6%	(6)	2.6%	(5)	0.0%	(0)	0.0%	(0)
D	3.0%	(11)	3.1%	(6)	0.0%	(0)	0.0%	(0)
D-	0.8%	(3)	0.5%	(1)	0.0%	(0)	0.0%	(0)
F	2.4%	(9)	2.1%	(4)	0.0%	(0)	0.0%	(0)
Mean (#)	2.85	(371)	2.70	(193)	–	(0)	3.00	(1)
σ	0.05		0.06		–		0.00	

1.20 EECS 117A

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	100.0%	(1)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.7%	(4)	5.5%	(4)	0.0%	(0)	0.0%	(0)
A	11.8%	(10)	9.6%	(7)	0.0%	(0)	0.0%	(0)
A-	12.9%	(11)	8.2%	(6)	0.0%	(0)	0.0%	(0)
B+	20.0%	(17)	9.6%	(7)	0.0%	(0)	0.0%	(0)
B	21.2%	(18)	15.1%	(11)	100.0%	(1)	0.0%	(0)
B-	11.8%	(10)	15.1%	(11)	0.0%	(0)	0.0%	(0)
C+	1.2%	(1)	12.3%	(9)	0.0%	(0)	0.0%	(0)
C	4.7%	(4)	6.8%	(5)	0.0%	(0)	0.0%	(0)
C-	9.4%	(8)	9.6%	(7)	0.0%	(0)	0.0%	(0)
D+	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D	0.0%	(0)	5.5%	(4)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	2.4%	(2)	2.7%	(2)	0.0%	(0)	0.0%	(0)
Mean (#)	3.03	(85)	2.72	(73)	3.00	(1)	–	(0)
σ	0.09		0.11		0.00		–	

1.21 EECS 120

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	100.0%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	2.2%	(8)	1.1%	(2)	0.0%	(0)	0.0%	(0)
A	18.8%	(67)	9.9%	(18)	50.0%	(1)	0.0%	(0)
A-	11.2%	(40)	14.4%	(26)	0.0%	(0)	0.0%	(0)
B+	11.8%	(42)	16.6%	(30)	0.0%	(0)	0.0%	(0)
B	19.9%	(71)	12.7%	(23)	0.0%	(0)	0.0%	(0)
B-	11.2%	(40)	15.5%	(28)	50.0%	(1)	0.0%	(0)
C+	6.2%	(22)	6.6%	(12)	0.0%	(0)	0.0%	(0)
C	4.2%	(15)	6.6%	(12)	0.0%	(0)	0.0%	(0)
C-	6.4%	(23)	5.5%	(10)	0.0%	(0)	0.0%	(0)
D+	1.4%	(5)	1.7%	(3)	0.0%	(0)	0.0%	(0)
D	2.2%	(8)	5.0%	(9)	0.0%	(0)	0.0%	(0)
D-	1.1%	(4)	1.7%	(3)	0.0%	(0)	0.0%	(0)
F	3.4%	(12)	2.8%	(5)	0.0%	(0)	0.0%	(0)
Mean (#)	2.93	(357)	2.78	(181)	3.35	(2)	–	(0)
σ	0.05		0.07		0.46		–	

1.22 EE 130

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	7.3%	(8)	6.1%	(6)	0.0%	(0)	0.0%	(0)
A	11.8%	(13)	8.1%	(8)	0.0%	(0)	0.0%	(0)
A-	12.7%	(14)	8.1%	(8)	0.0%	(0)	0.0%	(0)
B+	15.5%	(17)	14.1%	(14)	0.0%	(0)	0.0%	(0)
B	20.0%	(22)	23.2%	(23)	0.0%	(0)	0.0%	(0)
B-	12.7%	(14)	9.1%	(9)	0.0%	(0)	0.0%	(0)
C+	6.4%	(7)	10.1%	(10)	0.0%	(0)	0.0%	(0)
C	7.3%	(8)	10.1%	(10)	0.0%	(0)	0.0%	(0)
C-	2.7%	(3)	7.1%	(7)	0.0%	(0)	0.0%	(0)
D+	0.9%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D	1.8%	(2)	3.0%	(3)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	0.9%	(1)	1.0%	(1)	0.0%	(0)	0.0%	(0)
Mean (#)	3.06	(110)	2.86	(99)	–	(0)	–	(0)
σ	0.07		0.08		–		–	

1.23 CS 162

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	6.5%	(16)	2.3%	(4)	0.0%	(0)	0.0%	(0)
A	17.6%	(43)	11.5%	(20)	18.2%	(10)	15.4%	(4)
A-	15.9%	(39)	14.9%	(26)	21.8%	(12)	7.7%	(2)
B+	16.3%	(40)	12.6%	(22)	20.0%	(11)	23.1%	(6)
B	12.7%	(31)	20.7%	(36)	12.7%	(7)	15.4%	(4)
B-	10.6%	(26)	12.1%	(21)	9.1%	(5)	0.0%	(0)
C+	7.8%	(19)	9.8%	(17)	5.5%	(3)	15.4%	(4)
C	5.7%	(14)	8.0%	(14)	12.7%	(7)	15.4%	(4)
C-	3.7%	(9)	2.9%	(5)	0.0%	(0)	3.8%	(1)
D+	0.4%	(1)	0.6%	(1)	0.0%	(0)	0.0%	(0)
D	1.2%	(3)	2.3%	(4)	0.0%	(0)	0.0%	(0)
D-	0.4%	(1)	0.6%	(1)	0.0%	(0)	0.0%	(0)
F	1.2%	(3)	1.7%	(3)	0.0%	(0)	3.8%	(1)
Mean (#)	3.13	(245)	2.94	(174)	3.20	(55)	2.85	(26)
σ	0.05		0.06		0.09		0.18	

1.24 CS 164

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	50.0%	(1)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	50.0%	(1)	0.0%	(0)	0.0%	(0)
A+	2.7%	(7)	0.8%	(1)	0.0%	(0)	0.0%	(0)
A	23.6%	(62)	19.4%	(24)	24.0%	(18)	4.2%	(1)
A-	11.8%	(31)	12.9%	(16)	5.3%	(4)	8.3%	(2)
B+	14.4%	(38)	10.5%	(13)	21.3%	(16)	25.0%	(6)
B	14.8%	(39)	21.8%	(27)	30.7%	(23)	25.0%	(6)
B-	6.8%	(18)	6.5%	(8)	1.3%	(1)	12.5%	(3)
C+	4.9%	(13)	5.6%	(7)	6.7%	(5)	8.3%	(2)
C	8.0%	(21)	9.7%	(12)	6.7%	(5)	16.7%	(4)
C-	3.4%	(9)	4.8%	(6)	2.7%	(2)	0.0%	(0)
D+	0.4%	(1)	1.6%	(2)	0.0%	(0)	0.0%	(0)
D	4.2%	(11)	2.4%	(3)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	4.9%	(13)	4.0%	(5)	1.3%	(1)	0.0%	(0)
Mean (#)	2.97	(263)	2.91	(124)	3.15	(75)	2.91	(24)
σ	0.07		0.09		0.08		0.11	

1.25 CS 170

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	100.0%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	6.2%	(20)	5.9%	(9)	1.9%	(2)	0.0%	(0)
A	21.2%	(68)	13.2%	(20)	18.7%	(20)	13.8%	(4)
A-	7.8%	(25)	4.6%	(7)	6.5%	(7)	0.0%	(0)
B+	5.9%	(19)	15.1%	(23)	11.2%	(12)	3.4%	(1)
B	14.6%	(47)	10.5%	(16)	31.8%	(34)	20.7%	(6)
B-	5.3%	(17)	8.6%	(13)	8.4%	(9)	17.2%	(5)
C+	11.8%	(38)	10.5%	(16)	5.6%	(6)	3.4%	(1)
C	13.7%	(44)	20.4%	(31)	9.3%	(10)	24.1%	(7)
C-	5.3%	(17)	5.9%	(9)	3.7%	(4)	13.8%	(4)
D+	0.6%	(2)	0.7%	(1)	0.0%	(0)	0.0%	(0)
D	3.7%	(12)	1.3%	(2)	1.9%	(2)	0.0%	(0)
D-	0.3%	(1)	0.7%	(1)	0.0%	(0)	0.0%	(0)
F	3.4%	(11)	2.6%	(4)	0.9%	(1)	3.4%	(1)
Mean (#)	2.85	(321)	2.76	(152)	3.01	(107)	2.55	(29)
σ	0.06		0.08		0.07		0.16	

1.26 CS 184

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	100.0%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	6.6%	(9)	1.8%	(1)	0.0%	(0)	0.0%	(0)
A	15.4%	(21)	10.5%	(6)	8.3%	(2)	25.0%	(1)
A-	13.2%	(18)	17.5%	(10)	25.0%	(6)	0.0%	(0)
B+	11.8%	(16)	7.0%	(4)	16.7%	(4)	25.0%	(1)
B	22.1%	(30)	22.8%	(13)	16.7%	(4)	0.0%	(0)
B-	16.2%	(22)	15.8%	(9)	25.0%	(6)	0.0%	(0)
C+	5.9%	(8)	3.5%	(2)	4.2%	(1)	25.0%	(1)
C	2.2%	(3)	5.3%	(3)	4.2%	(1)	25.0%	(1)
C-	1.5%	(2)	8.8%	(5)	0.0%	(0)	0.0%	(0)
D+	0.7%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
D	2.2%	(3)	1.8%	(1)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	2.2%	(3)	5.3%	(3)	0.0%	(0)	0.0%	(0)
Mean (#)	3.09	(136)	2.84	(57)	3.16	(24)	2.90	(4)
σ	0.07		0.13		0.11		0.40	

1.27 CS 188

	EECS				L&S CS			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	100.0%	(1)	100.0%	(2)	0.0%	(0)
NP	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	8.5%	(11)	8.1%	(3)	0.0%	(0)	0.0%	(0)
A	25.4%	(33)	13.5%	(5)	46.2%	(6)	11.1%	(1)
A-	11.5%	(15)	10.8%	(4)	7.7%	(1)	33.3%	(3)
B+	15.4%	(20)	16.2%	(6)	15.4%	(2)	33.3%	(3)
B	11.5%	(15)	24.3%	(9)	15.4%	(2)	11.1%	(1)
B-	8.5%	(11)	13.5%	(5)	7.7%	(1)	11.1%	(1)
C+	5.4%	(7)	2.7%	(1)	0.0%	(0)	0.0%	(0)
C	6.2%	(8)	5.4%	(2)	0.0%	(0)	0.0%	(0)
C-	5.4%	(7)	0.0%	(0)	7.7%	(1)	0.0%	(0)
D+	0.8%	(1)	2.7%	(1)	0.0%	(0)	0.0%	(0)
D	0.8%	(1)	2.7%	(1)	0.0%	(0)	0.0%	(0)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	0.8%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)
Mean (#)	3.22	(130)	3.13	(37)	3.44	(13)	3.41	(9)
σ	0.07		0.12		0.19		0.13	

2 Effects of Course Sequences

The tables in this section display the effects on selected upper-division courses of taking lower-division courses at UC versus taking them elsewhere. The data sources are the same as for §1.

2.1 Effect of EE40/EE40I and EE41I on EE105.

	Have EE40/40I				Have EE41I				No EE40/41			
	Native		Transfer		Native		Transfer		Native		Transfer	
P	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	100.0%	(1)	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
A+	4.6%	(15)	6.0%	(8)	0.0%	(0)	0.0%	(0)	0.0%	(0)	2.9%	(1)
A	11.2%	(37)	6.8%	(9)	37.5%	(3)	8.0%	(2)	5.9%	(2)	8.6%	(3)
A-	10.3%	(34)	8.3%	(11)	0.0%	(0)	12.0%	(3)	11.8%	(4)	2.9%	(1)
B+	13.7%	(45)	11.3%	(15)	25.0%	(2)	16.0%	(4)	17.6%	(6)	8.6%	(3)
B	18.8%	(62)	23.3%	(31)	12.5%	(1)	4.0%	(1)	26.5%	(9)	8.6%	(3)
B-	11.2%	(37)	12.0%	(16)	12.5%	(1)	8.0%	(2)	11.8%	(4)	8.6%	(3)
C+	7.3%	(24)	9.0%	(12)	0.0%	(0)	24.0%	(6)	0.0%	(0)	14.3%	(5)
C	10.9%	(36)	12.8%	(17)	12.5%	(1)	24.0%	(6)	8.8%	(3)	20.0%	(7)
C-	4.3%	(14)	4.5%	(6)	0.0%	(0)	0.0%	(0)	5.9%	(2)	5.7%	(2)
D+	1.5%	(5)	2.3%	(3)	0.0%	(0)	0.0%	(0)	2.9%	(1)	5.7%	(2)
D	3.0%	(10)	2.3%	(3)	0.0%	(0)	0.0%	(0)	2.9%	(1)	8.6%	(3)
D-	0.9%	(3)	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)	2.9%	(1)
F	2.1%	(7)	1.5%	(2)	0.0%	(0)	4.0%	(1)	5.9%	(2)	2.9%	(1)
Mean (#)	2.85	(329)	2.81	(133)	3.29	(8)	2.66	(25)	2.71	(34)	2.34	(35)
σ	0.05		0.07		0.24		0.17		0.17		0.17	

2.2 Effect of 61A on CS164.

	Have 61A				No 61A			
	Native		Transfer		Native		Transfer	
P	0.0%	(0)	50.0%	(1)	0.0%	(0)	0.0%	(0)
NP	0.0%	(0)	50.0%	(1)	0.0%	(0)	0.0%	(0)
A+	1.9%	(4)	1.0%	(1)	5.6%	(3)	0.0%	(0)
A	26.3%	(55)	20.0%	(20)	13.0%	(7)	16.7%	(4)
A-	12.4%	(26)	14.0%	(14)	9.3%	(5)	8.3%	(2)
B+	14.8%	(31)	10.0%	(10)	13.0%	(7)	12.5%	(3)
B	14.8%	(31)	22.0%	(22)	14.8%	(8)	20.8%	(5)
B-	7.2%	(15)	5.0%	(5)	5.6%	(3)	12.5%	(3)
C+	3.8%	(8)	7.0%	(7)	9.3%	(5)	0.0%	(0)
C	8.1%	(17)	12.0%	(12)	7.4%	(4)	0.0%	(0)
C-	3.8%	(8)	5.0%	(5)	1.9%	(1)	4.2%	(1)
D+	0.0%	(0)	0.0%	(0)	1.9%	(1)	8.3%	(2)
D	3.3%	(7)	1.0%	(1)	7.4%	(4)	8.3%	(2)
D-	0.0%	(0)	0.0%	(0)	0.0%	(0)	0.0%	(0)
F	3.3%	(7)	3.0%	(3)	11.1%	(6)	8.3%	(2)
Mean (#)	3.07	(209)	2.98	(100)	2.60	(54)	2.61	(24)
σ	0.07		0.09		0.17		0.25	