

THE UNIVERSITY OF CHICAGO
 MATHEMATICS UNDERGRADUATE
 PROGRAM

BACCALAUREATE DEGREES AND
 DECLARED MAJORS

Year	Total	Math	Percent	Declared majors
1993-94	793	27	3.4%	97 (Aut '94)
1994-95	781	31	4.0%	95 (Aut '95)
1995-96	854	45	5.3%	69 (Aut '96)*
1996-97	811	30	3.7%	97 (Aut '97)
1997-98	877	26	3.0%	99 (Aut '98)
1998-99	894	36	4.0%	116 (Aut '99)
1999-00	956	59	6.2%	122 (Aut '00)
2000-01	988	49	5.0%	121 (Aut '01)
2001-02	947	68	7.2%	134 (Aut '02)
2002-03	1000	81	8.1%	142 (Aut '03)
2003-04	1013	75	7.4%	153 (Aut '04)
2004-05	1071	76	7.1%	—————

*A Computer Science major became available in 1996.

MOST POPULAR U of C Majors, 2005:

Economics	241
Biological Sciences	137
Political Science	116
English Language and Literature	77
Mathematics	76

GENDER DATA ON MATH BA'S

Year	F	T	%
1993-94	7	27	26%
1994-95	6	31	19%
1995-96	7	45	16%
1996-97	8	30	27%
1997-98	4	26	15%
1998-99	6	36	17%
1999-00	14	59	24%
2000-01	13	49	27%
2001-02	20	68	29%
2002-03	26	81	32%
2003-04	17	75	23%
2004-05	20	76	26%

Number of undergraduate participants
in VIGRE activities

Program	00	00-01	01-02	02-03	03-04	04-05
REU	22	36	45	42	59	65
YSP	—	14	27	36	32	36
DRP	—	—	—	30	38	40
VCA	—	—	—	26	28	24
travel	—	2	1	4	3	6

REU: RESEARCH EXPERIENCE FOR UNDERGRADUATES

— RESTRICTED TO UNIVERSITY OF CHICAGO STUDENTS

— NOT OPEN TO GRADUATING SENIORS

YSP: YOUNG SCHOLARS PROGRAM

DRP: DIRECTED READING PROGRAM

VCA: VIGRE COURSE ASSISTANT

New Program (2 participants 2004-05):

RRP: READING AND RESEARCH PROGRAM

BA's going on to graduate study in mathematics

YEAR (Number; % of math BA's; number of women)

2000 (8; 14%; 1)

Graduate School	Name	VIGRE Participation
CAL TECH	Rebecca Virnig (PhD)	REU
CHICAGO	Sergey Vassiliev (PhD)	
HARVARD	Nick Ramsey (PhD)	
MIT	Nick McCarthy	
MIT	Chris Malone	
MICHIGAN	Thiradet Jiarasuksakun	
NYU COURANT	Sunil Pinnamaneni	
TEXAS	Jason Deblois	

2001 (6; 12%; 1)

Graduate School	Name	VIGRE Participation
BERKELEY	Aubrey Clayton	REU
BERKELEY	Andrew Tolland	
CAL TECH	Matthew Gealy	REU
COLUMBIA	Peter Lamberson (PhD)	travel
MARYLAND	Blake Pelzer	
UCLA	Amanda Folsom	

2002 (9; 13%; 1)

Graduate School	Name	VIGRE Participation
BERKELEY	Martin Vito Cruz	REU
COLUMBIA	Nels Hanson	
DUKE	Jeffrey Streets	REU
HARVARD	Sonal Jain	REU, YSP
MIT	William Lopes*	REU, YSP
RICE	Rena Quandt	REU(2), YSP
RUTGERS	Paul Ellis	REU, YSP
UCLA	Stephen Chan	travel
UCLA	Paul Herman	REU, YSP

*Churchill Fellow and an African American;
Prominent picture story in the Chicago Tribune.

2003 (13; 16%; 4)

Graduate School	Name	VIGRE Participation
BERKELEY	Russell Bucher	REU(3), YSP
BERKELEY	Emily Peters	REU(3)
COLUMBIA	Shaffiq Welji	REU(3), YSP
HARVARD	Cameron Freer	
INDIANA	Kimberley Dorn	REU(3), YSP
FLORIDA	Nicole Krochak	
NORTHWESTERN	Vivek Dhand	REU, YSP
NORTHWESTERN	Ajay Nainani	REU, YSP
OHIO STATE	Adam Kalafarski	REU
STANFORD	Kathleen Gruher*	REU, VCA, YSP, travel
TEXAS	Joshua Mercer	REU, YSP
TEXAS	Matthew Stover	REU(2), DRP(2)
WISCONSIN	Paul Johnson	REU(3), DRP(2)

*Winner of the 2003 Alice T. Schafer Prize.

2004 (12; 16%; 3)

Graduate School	Name	VIGRE Participation
BERKELEY	Kate Leisinger	YSP, DRP(3), VCA, travel
HARVARD	Samuel Isaacson	DRP
RUTGERS	Wesley Pegden	REU(2), YSP
MIT	Daniel Mellis	REU(2), YSP
MICHIGAN	Oscar Fernandez	REU
MICHIGAN	Kevin Tucker	REU(2), DRP
MISSOURI	Michael Williams	REU, DRP, VCA
RUTGERS	Catherine Pfaff	REU, YSP, DRP
STANFORD	Raymond Tan	REU, YSP, DRP(3)
STANFORD	Zachary Cohn	REU(2), DRP, VCA, YSP, travel
TUFTS	Alex Shallor	REU(2), YSP, DRP
WATERLOO	Vivian Tsui	YSP, DRP

2005 (13; 18%; 3)

Graduate School	Name	VIGRE Participation
BERKELEY	Andrew Dudzik	REU, DRP
BERKELEY	Anne Shiu	REU, YSP, DRP, travel
BERKELEY	Patrick LaVictoire	REU, VCA
HARVARD	Ryan Reich	REU, YSP, RRP
MARYLAND	Vincent Guingona	REU(2), YSP
MICHIGAN	Emily Witt	REU(2), YSP
MIT	Matthew Gelvin	REU(2), YSP, DRP(2), RRP, VCA
MIT	Amanda Redlich	REU, YSP, DRP(2), travel
MIT	Sawyer Tabony	
STANFORD	Dean Baskin	REU(2), VCA
STANFORD	John Zhu	REU(2), DRP
TEXAS	Brad Anderson	REU
UCLA	Ben Tradewell	REU(2), YSP

Taking a year off and then going to graduate school

Working	Conor Frailey	REU
DAAD, BERLIN	Nathath Ilten	REU, DRP, VCA

MATHEMATICS GRADUATE PROGRAM

COMPLETION AND RETENTION RECORD

Year	Total entering	Received PhD	Dropped out	% Attrition	2005–06
1987	23	10	13	56.5%	0
1988	18	11	7	36.8%	0
1989	23	11	12	52.2%	0
1990	28	19	9	32.1%	0
1991	20	12	8	40.0%	0
1992	20	11	9	45.0%	0
1993	26	23	3	11.5%	0
1994	18	15	3	16.7%	0
1995	12	7	5	41.7%	0
1996	16	10	6	37.5%	0
1997	13	7	6	46.2%	0
1998	27	22	4	14.8%	1*
1999	11	7	2	18.2%	2*
2000	20	5	4	20.0%	11
2001	23	–	3	13.0%	20
2002	20	–	2	10.0%	18
2003	17	–	2	11.8%	15
2004	16	–	–	–	16
2005	18	–	–	–	18
Total	369	170	98	27.6%	101

*2 finishing in Autumn 2005, 1 in Spring 2006

Many of the 17 “dropouts” among those entering since 1998 transferred (on their initiative or the department’s) to other graduate programs. At least two obtained PhD’s elsewhere.

THE TIME TO DEGREE OF A TRUE DROPOUT IS ∞

YEARS TO COMPLETION OF PHD

Year	Total PhD's	≤ 5 years	$\% \leq 5$	6 years	$\% \leq 6$	7 years	≥ 8 years
1987	10	1	10%	4	50%	2	3
1988	11	0	0%	5	45%	3	3
1989	11	6	55%	4	91%	0	1
1990	19	5	26%	6	58%	4	4
1991	12	2	17%	4	50%	5	1
1992	11	3	27%	4	64%	2	2
1993	23	9	39%	5	61%	7	2*
1994	15	5	33%	8	87%	1	1*
1995	7	4	57%	2	86%	1	0
1996	10	5	50%	1	60%	2	2
1997	7	3	50%*	3	86%	1	0
1998	22	7	37%*	12	86%	3	—
1999	7	1	14%	6	—	—	—
2000	5	5	—	—	—	—	—
Total	169	56	32%	64	70%	31	19

* Two late PhD's after transferring to CS

PHD RECIPIENTS: 1994 – 2005

Year	total	female	US citizens
1994	12	3	7
1995	10	1	4
1996	15	3	10
1997	13	1	10
1998	17	3	10
1999	15	2	8
2000	20	3	11
2001	10	0	7
2002	4	1	4
2003	12	3	6
2004	16	4	10
2005	15	6	7
Total	159	30	94