

April 21, 2005

## Robert D. Foley

Professor

School of Industrial and Systems Engineering

### I. Earned Degrees

Ph.D.	1979	The University of Michigan	Industrial and Operations Engineering
M.S.	1976	The University of Michigan	Industrial and Operations Engineering
B.S. with High Distinction	1975	The University of Michigan	Mathematics

### II. Employment

Professor	Department of Industrial and Systems Engineering, Georgia Institute of Technology	August 2001–present
Visiting Scholar	Department of Mathematics, Wroclaw University, Poland	Summer 1992
Visiting Associate Professor	Department of Industrial Engineering, Texas A & M University	September 1991–May 1992
Visiting Scholar	Statistics Research Section, Australian National University, Canberra	Summer 1992
Associate Professor	Department of Industrial and Systems Engineering, Georgia Institute of Technology	June 1985–present
Visiting Scholar	Akademie der Wissenschaften der DDR German Democratic Republic; Humboldt Universität zu Berlin; and Bergakademie Freiberg;	April 1985 – June 1985
Summer Faculty Research Fellow	Air Force Human Resources Laboratory, Logistics Research Division, Wright-Patterson Air Force Base, Ohio	June 1983–August 1983
Visiting Scholar	Akademie der Wissenschaften der DDR German Democratic Republic; Humboldt Universität zu Berlin; and Bergakademie Freiberg;	Fall 1982
Assistant Professor	Department of Industrial Engineering and Operations Research, Virginia Polytechnic Institute and State University	September 1979–June 1985

### III. Teaching

#### A. Individual Student Guidance

##### Ph.D. Students Supervised

1. Petcharat Chansaenwilai, December 1983, "Monotone Bounds on the Productivity of Fixed Cycle Production Lines," (Faculty member in Mathematics at Chulalongkorn University, Thailand)
2. S. Suresh, October 1986, "Scheduling Stochastic Jobs in Flow Shops," (Intellisync)
3. Sanggyu Lim, March 1990, "Zoning in Storage Systems."
4. Byung Chun Park, December 1991, "Analytical Models and Optimal Strategies for Automatic Storage/Retrieval Systems Operations," (Byung Chun is on the faculty at Keimyung University).
5. Jae-Young Park, December 1992, "Performance Measures for Carousel Storage/Retrieval Systems," (Samsung)
6. Louise Brown, March 1998, *Asymptotic Behaviour of an Overloading Queueing Network with Resource Pooling*, (AT&T Labs).
7. Mark Lewis, August 1998, *Bias Optimality in a Two-Class Queueing System*, August 1998, (Mark received an Honorable Mention in the 1999 INFORMS Dantzig Dissertation Award. Mark was a faculty member in Industrial and Operations Engineering at The University of Michigan from Fall 1999 until Spring 2005. In May 2004, Mark received an NSF Presidential Early Career Award for Scientists and Engineers at a ceremony held in the White House. Mark has accepted a position in ORIE at Cornell University starting in the Fall of 2005.)
8. Dr. Serhan Ziya, Summer 2003, "Uniform and Precision Pricing for a Service Facility," (Serhan is currently a faculty member in the Statistics and OR department at UNC-Chapel Hill).
9. Jerome Coombs-Reyes, "Customer Allocation Policies in a Two Server Network: Stability and Exact Asymptotics," (Jerome is currently a faculty member in the Math department at Norfolk State University,) December 2003.
10. Idriss Maoui (co-advising with Robert D. Foley)  
Started advising in Spring 2003, passed comprehensive exam in Spring 2004  
Project Title: Optimal Pricing in Queueing Systems

##### M. S. Thesis students

1. S. Suresh, April 1984, "Scheduling Stochastic Jobs in Flow Shops," (AT&T)
2. D. Scharfstein, March 1990, "Analytical Performance Measures for the Miniload Automated Storage/Retrieval System," (Faculty member in Biostatistics at Johns Hopkins).

##### Other Teaching Activities

1. Helped design stochastic Ph.D. sequence ISyE/Math 6761/2/3, 1987.
2. Developed Stochastic Optimization course ISyE/Math 6763.
3. Chaired committee (CURSE) which redesigned the ISyE undergraduate curriculum, 1996–1998
4. Co-developed ISyE 3232 with Jim Dai and Anton Kleywegt incorporating some novel teaching methods including the Littlefield factory simulation.
5. Teaching a 12 week applied probability course at Lucent Technologies, Spring 2000

## IV. Scholarly Accomplishments

### A. Published Books and Parts of Books

1. Torgersen, P. E. and Foley, R. D., “Simulation, Business and Management,” in *Encyclopedia of Professional Management, 2nd Edition*, pp. 838-840, (L. R. Bittel and J. E. Ramsey, Editors), New York: McGraw-Hill (1985).
2. Foley, R. D. and Frazelle, E. H., “Recent Analytical Results in Miniload Performance,” in *Progress in Material Handling and Logistics Research, Vol. II*, pp. 515-526, (John A. White and Ira W. Pence, Editors), Berlin: Springer-Verlag (1990).
3. BYUNG CHUN PARK AND ROBERT D. FOLEY, “Comparisons Between Dedicated Storage and Storage in the Closest Open Locations,” *Progress in Material Handling Research: 2004*, (ed. R. Meller, M. K. Ogle, B. A. Peters, G. D. Taylor, and J. Usher,) 391–398, The Material Handling Institute, Charlotte, NC, (2004).

### B. Refereed Publications

#### Published

1. Foley, R. D., “A Coin Tossing Problem (Newman),” *SIAM Review*, Vol. 20, pp. 597-598, July 1978.
2. Simon, B. and Foley, R. D., “Some Results on Sojourn Times in Acyclic Jackson Networks,” *Management Science*, Vol. 25, pp. 1027-1034, October 1979.
3. Foley, R. D., “The Non-Homogeneous M/G/ $\infty$  Queue,” *Opsearch*, Vol. 19, pp. 40-48, March 1982.
4. Foley, R. D. and Disney, R. L., “Queues with Delayed Feedback,” *Advances in Applied Probability*, Vol. 15, pp. 162-182, March 1983.
5. Foley, R. D. and Yadin, M., “On the Moments of the Cumulative Idle Time in an M/D/ $\infty$  Queue,” *Journal of Applied Probability*, Vol. 20, pp. 445-447, June 1983.
6. Soyster, A. L., Foley, R. D., and Murphy, F. H., “A Class of Stochastic Mathematical Programs with Correlated Scale Parameters in the Objective and Right-Hand Side,” *Operations Research*, Vol. 32, pp. 945-951, July/August 1984.

7. Foley, R. D. and Suresh, S., "Minimizing the Expected Flowtime in Stochastic Flow Shops," *IIE Transactions*, Vol. 16, pp. 391-395, 1984.
8. Foley, R. D. and Suresh, S., "Stochastically Minimizing the Makespan in Flow Shops," *Naval Research Logistics Quarterly*, Vol. 31, pp. 551-557, 1984.
9. Suresh, S., Foley, R. D., and Dickey, S. E., "On Pinedo's Conjecture Concerning the Scheduling of Two Stochastic Jobs and n Deterministic Jobs in a Flow Shop," *Operations Research*, Vol. 33, pp. 1146-1153, September/October 1985.
10. Chandramohan, J., Foley, R. D., and Disney, R. L., "Thinnings of Point Processes—Covariance Analyses," *Advances in Applied Probability*, Vol. 17, pp. 127-146, March 1985.
11. Foley, R. D., "Stationary Poisson Departure Processes from Non-Stationary Queues," *Journal of Applied Probability*, Vol. 23, pp. 256-260, 1986.
12. Foley, R. D. and Suresh, S., "Scheduling n nonoverlapping Jobs and Two Stochastic Jobs in a Flow Shop," *Naval Research Logistics Quarterly*, Vol. 33, pp.123-128, 1986.
13. Dawson, D. A., Fleischmann, K., Foley, R. D., and Peletier, L. A., "A Critical Measure-Valued Branching Process with Infinite Mean," *Stochastic Analysis and Applications*, Vol. 4, pp. 117-129, 1986.
14. Foley, R. D. and Suresh, S., "Avionics Reliability Analysis," *Annals of Operations Research*, Vol. 9, pp. 589-611, 1987
15. Kiessler, P. C., Melamed, B., Yadin, M., and Foley, R. D. "Analysis of a three-node queueing network," *Queueing Systems Theory Appl.* 3, pp. 53-72, 1988.
16. Foley, R. D. and Kiessler, P. C., "Positive Correlations in a Three Node Jackson Queueing Network," *Advances in Applied Probability* 21, pp. 241-242, March 1989.
17. Foley, R. D. and Klutke, Georgia-Ann, "Stationary increments in the accumulated work process in processor-sharing queues," *Journal of Applied Probability* 26, pp. 671-677, September 1989.
18. Foley, R. D., Hill, T. P., and Spruill, M. C., "A generalization of Lévy's concentration-variance inequality," *Probability Theory and Related Fields* 86, pp. 53-62, 1990.
19. Foley, R. D. and Frazelle, E. H., "Analytical Results for Miniload Throughput and the Distribution of Dual Command Travel Times," *IIE Transactions* 23, pp. 273-281, 1991.
20. R. D. Foley, Georgia-Ann Klutke, and D. König. "Stationary increments of accumulation processes in queues and generalized semi-Markov schemes." *J. Appl. Probab.* 28, pp. 864-872, 1991.
21. Foley, R. D., Hill, T. P., and Spruill, M. C., "Linear search with bounded resources. " *Naval Research Logistics Quarterly* 38, pp. 555-565, 1991.
22. Daryl J. Daley, R. D. Foley, and T. Rolski, "Conditions for finite moments of

- waiting times in  $G/G/1$  queues.” *Queueing Systems Theory Appl.* **17**, pp. 89–106, 1994.
23. D. J. Daley, R. D. Foley, and T. Rolski, “A note on convergence rates in the strong law for strong mixing sequences.” *Probab. Math. Statist.* **16**, pp. 19–28, 1996.
  24. M. Lewis, H. Ayhan and R.D. Foley “Bias Optimality in a Queue with Admission Control,” *Probability in Engineering and Information Sciences*, **13**, pp. 309–327, 1999.
  25. Robert D. Foley and David Goldsman, “Confidence Intervals Using Orthonormally Weighted Standardized Time Series,” *ACM Transactions on Modelling and Computer Simulation*, Vol. 9, No. 4, (1999), 297–325.
  26. R. D. Foley and D. R. McDonald, “Join the Shortest Queue: Stability and Exact Asymptotics,” *Annals of Applied Probability*, **11**, pp. 569–607, 2001.
  27. John J. Bartholdi, III, Donald D. Eisenstein, and Robert D. Foley, “Performance of Bucket Brigades when Work is Stochastic,” *Operations Research*, **49**, 2001.
  28. Robert D. Foley, Edward H. Frazelle, and Byung Chun Park, “Miniload Throughput Bounds,” appear *IIE Transactions*, **34**, pp. 915–920, October 2002.
  29. Robert D. Foley and Byung Chun Park, “Optimal Allocation of Buffers and Customers in a Two-Node Cyclic Network with Multiple Servers,” *OR Letters*. **30**, pp. 19–24, February 2002.
  30. Mark E. Lewis, Hayriye Ayhan, and Robert D. Foley, “Bias Optimal Admission Policies for a Nonstationary Multi-Class Queueing System”. *Journal of Applied Probability*, **39**, pp. 20–37, March 2002.
  31. J. Y. Park, B. C. Park, and R. D. Foley, “Carousel System Performance,” *Journal of Applied Probability*, **40**, pp. 602–612, September 2003.
  32. B. C. Park, R. D. Foley, E. Frazelle, and J. White, “Dual Command Travel Times and Miniload System Throughput with Turnover Based Storage,” appear *IIE Transactions*, **35**, pp. 343–355, April 2003.
  33. Robert D. Foley, Steven T. Hackman, and Byung Chun Park, “Back-of-the-Envelope Miniload Throughput Bounds and Approximations,” appeared in *IIE Transactions*. 2004.
  34. S. Ziya, H. Ayhan and R. D. Foley, “Relationships Among Three Assumptions in Revenue Management,” **52**, (2004), 804–809, *Operations Research*.
  35. R. D. Foley and D. R. McDonald, “Large Deviations of a Modified Jackson Network: Stability and Rough Asymptotics,” *Annals of Applied Probability*, **15**, pp. 519–541, 2005.
  36. R. D. Foley and D. R. McDonald, “Bridges and Networks: Exact Asymptotics,” *Annals of Applied Probability*, **15**, pp. 542–586, 2005.

#### Accepted

1. S. Ziya, H. Ayhan and R. D. Foley, ”Optimal Prices for Finite Capacity Queueing Systems,” *Operations Research Letters*.

### Submitted

1. Byung Chun Park, Robert D. Foley, Edward H. Frazelle, "Performance of Miniload Systems with Two-Class Storage," submitted to *European Journal of Operations Research*.
2. S. Ziya, H. Ayhan and R. D. Foley, "A monotonicity result for the blocking probability in a G/GI/c/m queueing system," submitted to *Journal of Applied Probability*

### C. Other Publications

1. ROBERT D. FOLEY AND DAVID GOLDSMAN, "Confidence Intervals with Orthonormally Weighted Standardized Time Series," *Proceedings of the 1988 Winter Simulation Conference* (ed. M. A. Abrams, P. L. Haigh, and J. C. Comfort), 422–424, The Institute of Electrical and Electronics Engineers, Piscataway, NJ, (1988)

### D. Presentations

1. Department of Statistics, University College Cork, Cork, Ireland, September 1980.
2. Department of Statistics, Trinity College, Dublin, Ireland, September 1980.
3. INRIA, Paris, France, September 1980.
4. Department of Industrial and Operations Engineering, The University of Michigan, April 1981.
5. Department of Industrial Engineering and Management Science, Northwestern University, April 1981.
6. Sektion Mathematik, Die Akademie der Wissenschaften der DDR, Berlin, German Democratic Republic, September 1982.
7. Sektion Mathematik, Humboldt Universität zu Berlin, Berlin, German Democratic Republic, October 1982.
8. Sektion Mathematik, Universität Magdeburg, Magdeburg, German Democratic Republic, October 1982.
9. Sektion Mathematik, Universität Jena, Jena, German Democratic Republic, October 1982.
10. Sektion Mathematik, Karl-Marx-Universität, Leipzig, German Democratic Republic, November 1982.
11. Sektion Mathematik, Bergakademie Freiberg, Freiberg, German Democratic Republic, December 1982.
12. Sektion Mathematik, Technische Hochschule Berlin, Berlin, Federal Republic of Germany, December 1982.
13. Department of Mathematical Sciences, George Mason University, Fairfax, Virginia, 1983.

14. Graduate Seminar, School of Industrial and Systems Engineering, Georgia Institute of Technology, 1984.
15. Sektion Mathematik, Die Akademie der Wissenschaften der DDR, Berlin, German Democratic Republic, April 1985.
16. Sektion Mathematik, Humboldt Universität zu Berlin, Berlin, German Democratic Republic, May 1985.
17. Sektion Mathematik, Bergakademie Freiberg, Freiberg, German Democratic Republic, May 1985.
18. Queueing Network Seminar, School of Industrial and Systems Engineering, Georgia Institute of Technology, 1986.
19. School of Industrial Engineering, Purdue University, October, 1988.
20. Operations Research Group, Department of Mechanical Engineering, The University of Texas at Austin, February 1990.
21. Probability Seminar, Georgia Institute of Technology, March 1990.
22. “Join the Shortest Queue: Stability and Exact Asymptotics,” CORS-SCOR, Windsor, Canada, June 1999.
23. “Join the Shortest Queue: Stability and Exact Asymptotics,” 10th INFORMS Applied Probability Conference, Ulm, Germany. July 1999
24. “Stability of Join the Shortest Queue,” University of Ottawa, Ottawa, Canada, February, 2000
25. “Join the Shortest Queue: Stability and Exact Asymptotics,” The University of Michigan, Ann Arbor, Michigan, January 2000.
26. “Exact Asymptotics of a Queueing Network with a Cross-Trained Server,” Eleventh INFORMS Applied Probability Society Conference, New York, NY, July 2001.
27. “R. D. Foley, ‘Exact Asymptotics of a Queueing Network with a Cross-Trained Server,’” INFORMS National Meeting, Atlanta, October 2003.

## V. Service

### A. Professional Contributions

1. Associate Editor of *Operations Research* 1987–1994
2. Co-Organizer of INFORMS Applied Probability Conference, June 1995. This conference is held every other year. The location alternates between Europe and the U.S..
3. Secretary/Treasurer of INFORMS Applied Probability Section 1995–1999

### B. Campus Contributions

1. One of the founders of CAP—Center for Applied Probability and Georgia Tech.
2. Co-organized Southeastern Probability Days 1995 and again in 1996.
3. Nominated Jim Dai for 1996 Sigma Xi Best Paper Award—he won.
4. Nominated Jim Dai for 1997 INFORMS Applied Probability Best Paper Award—he won.
5. Nominated Jim Dai for 1998 Erlang Prize awarded to the best young probabilist—he won.
6. Chaired CURSE which redesigned the ISyE undergraduate curriculum, 1996–1998.
7. Member graduate curriculum committee, 1998–2000.
8. Faculty advisor for IIE student chapter, 1999–present.
9. Member ISyE awards committee, 2001–2002
10. Chair ISyE awards committee, 2002–2003.
11. Member ISyE Reappointment, Promotion and Tenure committee, 2003–present.

### C. Other Contributions

1. Advisor, Filipino Student Association at Georgia Tech
2. Advisor, IIE (Institute of Industrial Engineers) student chapter

## VI. Grants and Contracts

### A. As Principal and Co-Principal Investigator

1. “A Proposal to Research Topics in Sojourn Times in Queueing Networks.”  
Office of Naval Research.  
Joint proposal with R. L. Disney  
Funded \$24,877. January 1980.
2. “Avionics Reliability Analysis.”  
Southeastern Conference of Electrical Engineering Education–Air Force Office of  
Scientific Research.  
Funded \$12,000. 1983.
3. “Avionics Testability Analysis.”  
The Analytic Sciences Corp.–Air Force Human Resources Laboratory.  
Funded \$70,668 (6/24/85–4/30/85).
4. “Dual Command Travel Time Analysis.” Georgia Institute of Technology—Material  
Handling Research Center.  
Funded \$45,000. October 1988.

5. “Analytical Results for Material Handling Systems.”  
National Science Foundation.  
Joint proposal with E. Frazelle.  
Funded \$135,000. March 1989.
6. “Hewlett-Packard Instructional Laboratory for Industrial Applications.”  
Hewlett-Packard. Joint Proposal with Faiz Al-Khayyal and John Vande Vate.  
Funded \$275,859. December 1989.
7. “Introduction to Applied Probability,” Lucent Technologies, start date January 2000,  
\$17,000.
8. “Admission and Pricing in Non-stationary Queueing Systems”, National Science  
Foundation, September 1999–August 2002, Funded: \$224,153 (joint proposal with  
Hayriye Ayhan).
9. “Optimal and Exploratory Pricing for a General Class of Service Systems”, submitted  
to the National Science Foundation in February 2005, Amount: \$347,127, Status:  
pending (joint proposal with Hayriye Ayhan)

#### **B. As Investigator**

1. “Stochastic Networks in Communications and Manufacturing”, National Science  
Foundation, May 1999–April 2001, \$30,020 (Principal Investigator: R. F. Serfozo)

## **VII. Honors and Awards**

1. Finalist, Sixth ORSA George E. Nicholson Paper Competition, May 1977.
2. National Academy of Sciences, Soviet-East European Exchange Program, selected  
by the United States and German Democratic Republic Academy of Sciences for a  
three month exchange visit, 1982.
3. SCEEE Fellow, USAF-SCEEE Summer Faculty Research Program, 1983.
4. National Academy of Sciences, Soviet-East European Exchange Program, selected  
by the United States and German Democratic Republic Academy of Sciences for a  
second three month visit, 1985.
5. ISyE Outstanding Professor of 1999 (voted best ISyE teacher of 1999 by the ISyE  
students)
6. ISyE Outstanding Professor of 2005 (voted best ISyE teacher of 2005 by the ISyE  
students)

**Summary of Instruction Opinion Survey\***  
**Undergraduate Courses**

Quarter	Course	Title	Students	Responses	Survey Statements†					
					T	V	I	C1	C2	C3
Fa 86	ISyE 3028	Statistics I		29	3.9					
Fa 86	ISyE 3232	Prob O R		11	4.6					
Wi 86	ISyE 3232	Prob O R		20	4.3					
Fa 87	ISyE 3027	Probability		37	4.0					
Sp 87	ISyE 3027	Probability		32	4.1					
Sp 87	ISyE 3232	Prob O R		22	4.6					
Wi 87	ISyE 3232	Prob O R		12	4.0					
Fa 88	ISyE 3232	Prob O R	36	24	4.1					
Sp 88	ISyE 3027	Probability	62	41	4.1					
Wi 88	ISyE 3232	Prob O R	12	12	4.2					
Wi 88	ISyE 3232	Prob O R	25	16	4.7					
Fa 89	ISyE 3232	Prob O R	34	27	4.4	4.0	4.6	4.2	4.4	3.8
Wi 89	ISyE 3232	Prob O R	39	25	4.2	3.9	4.0	3.9	4.2	3.8
Fa 90	ISyE 3232	Prob O R	75	29	4.1	3.8	4.2	4.0	4.3	3.5
Sp 91	ISyE 3028	Statistics I	61	30	3.8	3.7	3.9	3.7	4.0	3.5
Sp 91	ISyE 3028	Statistics I	55	34	3.8	3.9	4.0	3.8	4.0	3.3
Wi 91	ISyE 3232	Prob O R	62	36	4.1	3.8	4.2	4.0	4.2	2.9
Fa 92	ISyE 3232	Prob O R	34	27	4.0	4.0	4.0	3.9	4.2	3.4
Fa 93	ISyE 3027	Probability	55	38	4.4	4.4	4.4	4.2	4.3	4.2
Sp 93	ISyE 3232	Prob O R	65	42	4.6	4.1	4.6	4.3	4.6	4.1
Wi 93	ISyE 3027	Probability	51	37	4.5	4.3	4.3	4.2	4.2	4.2
Fa 94	ISyE 3232	Prob O R	49	38	4.3	4.0	4.2	4.0	4.3	3.1
Su 94	ISyE 4105	Senior Design	28	11	4.9	5.0	5.0	4.7	4.9	4.6
Sp 94	ISyE 3232	Prob O R	62	32	4.2	4.0	4.2	4.0	4.3	3.6
Sp 94	ISyE 4104	Senior Design	34	5	4.3	4.5	4.5	4.0	4.8	4.9
Wi 94	ISyE 3232	Prob O R	63	33	4.3	4.1	4.6	4.1	4.6	3.9
Fa 95	ISyE 4104	Senior Design	35	9	4.9	5.0	5.0	4.5	4.9	4.6
Fa 95	ISyE 3127	Honors Prob	12	9	4.9	4.8	4.9	4.6	4.8	4.5
Sp 95	ISyE 4105	Senior Design	25	7	4.0	4.6	4.0	3.9	4.3	4.0
Wi 95	ISyE 4104	Senior Design	30	24	4.7	4.9	4.9	4.5	5.8	4.2
Wi 95	ISyE 3027	Probability	65	47	4.5	4.3	4.5	4.2	4.5	4.0
Wi 96	ISyE 4105	Senior Design	31	5	4.8	5.0	5.0	4.5	5.0	4.5
Su 98	ISyE 3027	Probability	70	40	4.3	4.3	4.4	4.1	4.1	4.2
Su 98	ISyE 3028	Statistics I	45	25	4.7	4.2	4.6	4.2	4.6	3.9
Sp 98	ISyE 3027	Probability	66	34	4.7	4.2	4.4	4.2	4.6	4.2
Sp 98	ISyE 3027	Probability	66	18	4.3	4.5	4.6	4.2	4.4	4.2
Wi 98	ISyE 3027	Probability	61	42	4.6	4.5	4.7	4.5	4.6	4.2
Wi 99	ISyE 3027	Prob O R	67	30	4.5	4.4	4.4	4.3	4.5	4.4
Sp 99	ISyE 3027	Probability	69	28	4.3	4.0	4.1	4.0	4.2	4.0
Su 99	ISyE 3232	Prob O R	66	35	4.3	4.0	4.2	4.2	4.5	4.2
Su 99	ISyE 3027	Probability	80	26	4.4	4.0	4.2	4.1	4.2	4.0
Fa 99	ISyE 3232	Prob O R	65	32	4.3					
Fa 00	ISyE 3232	Prob O R	68	22	4.0					
Fa 00	ISyE 2027	Probability	71	28	4.0					
Fa 01	ISyE 2027	Probability	65	23	4.5					
Sp 02	ISyE 2027	Probability	59	18	4.8					
Fa 02	ISyE 2027	Probability	63	20	4.3					
Sp 03	ISyE 2027	Probability	57	20	4.7					
Fa 03	ISyE 3232	Prob O R	57	27	4.1					
Sp 04	ISyE 2027B	Probability	64	18	4.6					
Sp 04	ISyE 2027C	Probability	57	20	4.6					
Fa 04	ISyE 3232B	Prob O R	65	24	4.6					

## Graduate Courses

Quarter	Course	Title	Students	Responses	Survey Statements†						
					T	V	I	C1	C2	C3	
Sp 86	ISyE 6656	Prob Models		23	3.8						
Wi 87	ISyE 6650	Prob Models		16	4.6						
Sp 88	ISyE 8101	Stoch Opt	20	14	4.9						
Sp 89	ISyE 8102	Stoch Opt	8	6	5.0	4.5	5.0	4.7	4.9	4.5	
Wi 90	ISyE 8101	Stoch II	8	8	4.8	4.7	4.8	4.6	4.7	3.9	
Wi 91	ISyE 6650	Prob Models	41	33	4.3	4.2	4.6	4.1	4.4	3.6	
Fa 92	ISyE 6650	Prob Models	49	39	4.9	4.7	4.8	4.6	4.7	4.3	
Fa 93	ISyE 6761	Stochastics I	C	30	4.8	4.5	4.8	4.5	4.9	4.4	
Sp 93	ISyE 6763	Stochastic Opt	16	13	4.6	4.3	4.5	4.2	4.8	4.1	
Fa 94	ISyE 6761	Stochastics I	C	27	4.6	4.6	4.6	4.3	4.8	4.3	
Sp 96	ISyE 6763	Stochastic Opt	10	9	4.2	4.1	4.5	4.1	4.8	3.8	
Sp 97	ISyE 6763	Stochastic Opt	12	8	4.6	4.9	4.9	4.7	5.0	4.8	
Fa 98	ISyE 6761	Stochastics I	60								
Wi 98	ISyE 6762	Stochastics II	C	16	4.9	N	N	4.4	4.8	4.1	
Sp 99	ISyE 8101	Rare Events	6	6	4.6						
Fa 99	ISyE 6761	Stoch I	41	24	3.7						
Fa 99	Math 6761	Stoch I	12	7	4.0						
Sp 01	ISyE 6762	Stoch II	20	3	4.5						
Fa 03	ISyE 8861	Rare Events	8	1	4.0						
Fa 04	ISyE 6650A	Prob Models	65	24	4.7						
Fa 04	ISyE 6650Q	Prob Models	4	3	4.8						

†Survey Statements

T – Teaching effectiveness; V – Valuable course; I – Instructor Support;

C1 – Preparation and Presentation of course; C2 – Interaction with students; C3 – Assessment of student performance.

\* I have put all data that I could find. C Cross-listed with Math—# of students does not include those registered under Math; N No data;