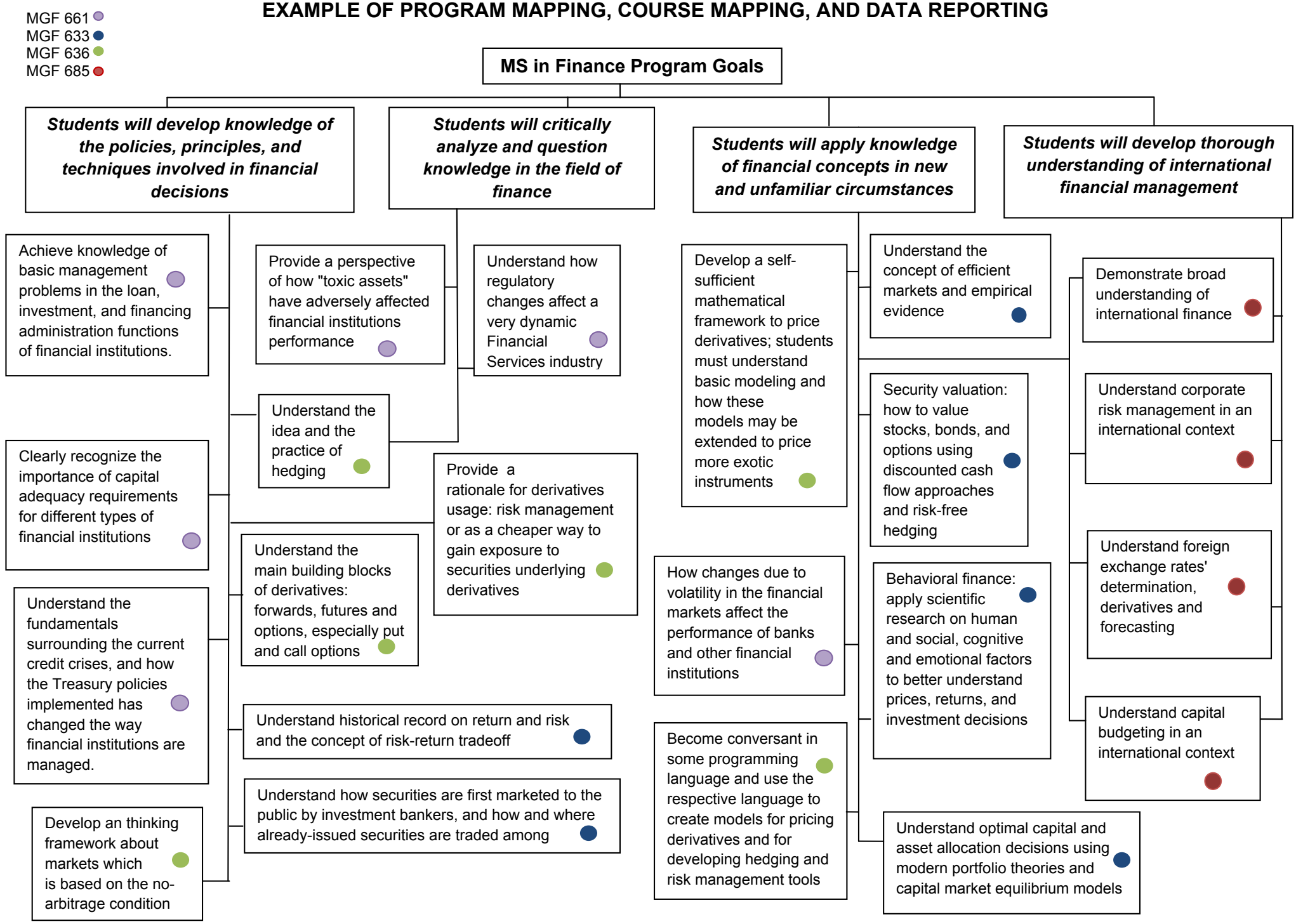
APPENDIX IV-B.1
EXAMPLE OF PROGRAM MAPPING, COURSE MAPPING, AND DATA REPORTING



APPENDIX IV-B.1

Students will develop knowledge of the policies, principles, and techniques involved in financial decisions.

%Meets = [(38/46) + (45/46) + (40/46) + (35/46)]/4
%Marginal = [(7/46) + (0/46) + (6/46) + (10/46)]/4
%Fails = [(1/46) + (1/46) + (0/46) + (1/46)]/4

Students will critically analyze and question knowledge in the field of finance.

Students will apply knowledge of financial concepts in new and unfamiliar circumstances.

Understand the main building blocks of derivatives: forwards, futures and options, especially put and call options.

Midterm 1 and HW 3, 4 and 5
Meets = (38/46)
Marginal = (7/46)
Fails to Meet = (1/46)

Develop an understanding of the concept of arbitrage and form a thinking framework about markets which is based on the no-arbitrage condition.

Midterm 1 and HW 2 and 3
Meets = (40/46)
Marginal = (6/46)
Fails to Meet = (0/46)

Students will understand rationale for derivatives usage: risk management or as a cheaper way to gain exposure to securities underlying derivatives.

Midterm 2 AND HW 4 and 5
Meets = (35/46)
Marginal = (10/46)
Fails to Meet = (1/46)

Student will understand the idea and the practice of hedging

Midterm 2 and HW 5 and 6
Meets = (45/46)
Marginal = (0/46)
Fails to Meet = (1/46)

Understand behavioral finance by applying scientific research on (a) human and social, (b) cognitive and (c) emotional factors to better understand prices, returns, and investment decisions.

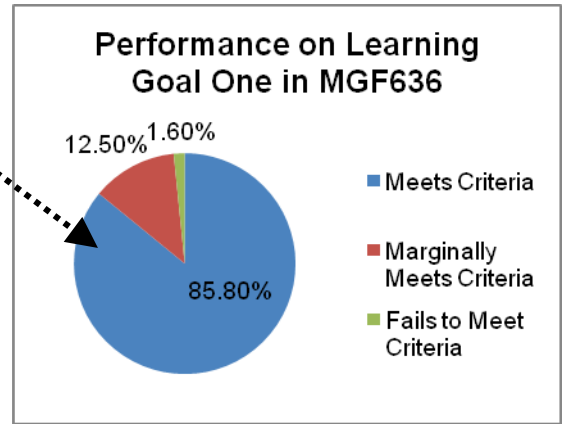
Final and HW 8
Meets = (46/46)
Marginal = (0/46)
Fails to Meet = (0/46)

Develop a self-sufficient mathematical framework to price derivatives. Specifically, here students must understand basic modeling and how these models may be extended to price more exotic instruments.

Midterm 2 and HW 7
Meets = (34/46)
Marginal = (11/46)
Fails to Meet = (1/46)

Become conversant in some programming language and use the respective language to create models for pricing derivatives and for developing hedging and risk management tools.

Final and HW 4, 5, 6, 7 and 8
Meets = (45/46)
Marginal = (0/46)
Fails to Meet =



Combine with results on learning goal from MGF 661, and MGF 633

e.g. Meets = [(%MeetsMGF636) + (%MeetsMFG633) + (%MeetsMGF661)]/3

=

MS Finance students' overall performance on Learning Goal One in 2010

APPENDIX IV-B.1

Learning Objectives Reporting Form
Spring 2010
MS Finance: MGF636 (Professor Tiu)

Objective ***Students will…….***	**Means of Assessment**	**Criteria**	**Number of students whom Meet Criteria**	**Number of Students whom Marginally Meet Criteria**	**Number of Students whom Do Not Meet Criteria**	**Total N (total number of students in class)**
Develop an understanding of the concept of arbitrage and form a thinking framework about markets which is based on the no-arbitrage condition.	Midterm 1 and HW 2 and 3	Meets = ≥ 80% Marginal = 70-79% Fails = ≤ 69% or below	40	6	0	46 (two sections)
Understand the main building blocks of derivatives: forwards, futures and options, especially put and call options.	Midterm 1 and HW 3, 4 and 5	Meets = ≥ 80% Marginal = 70-79% Fails = ≤ 69% or below	38	7	1	46
Understand the rationale for derivatives usage: risk management or as a cheaper way to gain exposure to securities underlying derivatives.	Midterm 2 and HW 4 and 5	Meets = ≥ 80% Marginal = 70-79% Fails = ≤ 69% or below	35	10	1	46
Understand the idea and the practice of hedging.	Midterm 2 and HW 5 and 6	Meets = ≥ 80% Marginal = 70-79% Fails = ≤ 69% or below	45	0	1	46
Develop a self-sufficient mathematical framework to price derivatives. Specifically, here students must understand basic modeling and how these models may be extended to price more exotic instruments.	Midterm 2 and HW 7	Meets = > 50% Marginal = 20-49% Fails = under 20%	34	11	1	46
Understand behavioral finance by applying scientific research on (a) human and social, (b) cognitive and (c) emotional factors to better understand prices, returns, and investment decisions.	Final and HW 8	Meets = >30% Marginal = 5-10% Fails = under 5%	46	0	0	46
Become conversant in some programming language and use the respective language to create models for pricing derivatives and for developing hedging and risk management tools.	Final and HW 4, 5, 6, 7 and 8	Meets=>80% Marginal = 50-79% Fails=below 49%	45	0	1	46