Human Nutrition and Foods—HNF

988 Master's Project
Fall, Spring, Summer. 1 to 5 credits. R: Open only to master's degree students in Human Nutrition.
Directed scholarly participation in support of Plan B master’s degree requirements in human nutrition.

989 Master's Thesis Research
Fall, Spring, Summer. 1 to 10 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Open only to masters students in Human Nutrition and Foods.
Master's thesis research.

935 Nutrition: Lipid and Carbohydrate Metabolism
Fall of even years. 3(3-0) Interdepartmental with Animal Science.
Regulatory aspects of lipid and carbohydrate metabolism as influenced by nutritional status.

936 Protein Nutrition and Metabolism
Spring of even years. 3(3-0) Interdepartmental with Animal Science. Administered by Department of Animal Science.

937 Mineral and Vitamin Nutrition and Metabolism
Spring of even years. 3(3-0) Interdepartmental with Animal Science. Administered by Department of Animal Science. P:M: (BMB 461 and BMB 462)
Forms and locations of mineral elements in the body, metabolic functions, deficiencies, and toxicities, interrelationships and quantitative requirements. Significant vitamins and mineral interrelationships relative to bone metabolism, antioxidant health and erythropoiesis.

999 Doctoral Dissertation Research
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 99 credits in all enrollments for this course. R: Open only to doctoral students in Human Nutrition and Foods.
Doctoral dissertation research.

811 Systems Analysis and Design
Spring, 3(3-0) P:M: (BUS 309) R: Open only to students in The Eli Broad College of Business. SA: BUS 311
Structured analysis and design of information systems. Base of computer aided software engineering tools. Consulting issues associated with the design and implementation of information systems.

812 Marketing Technology and E-Commerce
Fall, Spring, 3(3-0) Interdepartmental with Marketing and Supply Chain Management. Administered by Department of Marketing and Supply Chain Management. P:M: (MSC 300 and MSC 317 and IIM 309) R: Open only to juniors or seniors in the Eli Broad College of Business, and to students in programs in which MSC 412 is a catalog-listed requirement.
Enabler technologies and their role in creating marketing opportunities, efficiencies, and innovations. Tools, applications, platforms, and infrastructures. Determination of business configurations that foster value creation from enabler technologies.

813 Fundamentals of Database Information Systems
Fall, Spring, 3(3-0) R: Open only to Juniors or seniors in The Eli Broad College of Business. Not open to students in The School of Hospitality Business. C: ITM 311 concurrently.

814 Enterprise Database Systems
Fall, Spring, Summer. 3(3-0) Interdepartmental with Marketing and Supply Chain Management. P:M: (MBA 823 or ITM 309)
Computer-based managerial decision support systems (DSS). Basic system architectures for DSS. Individual and group systems. Data-driven and intelligence (model) driven systems. Project analysis of a globally distributed system.

821 Enterprise Database Systems
Fall, Spring, Summer. 3(3-0) Interdepartmental with Accounting. Administered by Department of Accounting and Information Systems. Not open to students with credit in ACC 321.
Management of information in business organizations. Conceptual modeling of transaction processing systems, workflow systems, and enterprise-wide networks of value-added activities. Integration of decision support and policy level systems with economic event processing systems. Information system implementation.

822 Analysis and Design of Enterprise Systems
Spring, 3(3-0) Interdepartmental with Accounting. Administered by Department of Accounting and Information Systems. R: Open only to MBA students and master's students in Accounting or approval of department. Not open to students with credit in ITM 311.
Structured analysis and design of enterprise information systems. Use of computer-aided software design tools. Consulting issues associated with the design and implementation of information systems.

823 Advanced Enterprise Database Systems
Spring, 3(3-0) Interdepartmental with Accounting. Administered by Department of Accounting and Information Systems. P:M: (ACC 321 or ACC821 or ITM821) R: Open only to MBA students and master's students in Accounting or approval of department.

824 Digital Business Models and Processes
Spring, 3(3-0) Interdepartmental with Accounting. Administered by Department of Accounting and Information Systems. R: Open only to MBA students and master's students in Accounting or approval of department.
Frameworks for linking information technologies with business performance. Identification and valuation of key information technologies. Information Technology (IT) enabled business models, organizational processes, and knowledge management systems.

825 Object-Oriented Business Information Systems
Fall of even years. 3(3-0) Interdepartmental with Accounting. Administered by Department of Accounting and Information Systems. P:M: (ACC 823 and ITM 823) R: Open only to MBA students and master's students in Accounting or approval of department.
INTEGRATIVE PIM MANAGEMENT

The Eli Broad College of Business and The Eli Broad Graduate School of Management

800 Managerial Skills
Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Approaches to effective group management in business organizations. Creating, maintaining, and leading work groups.

801 Firm Analysis
Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Faculty supervised analysis of the student's employing organization. Organization and financial structure. Information, accounting, operating, and marketing systems.

802 Environmental Analysis
Spring. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Faculty supervised analysis of the student's employing organization. Customer and competitor analysis. Legal and financial environment. Human resource issues.

803 Strategic Analysis
Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Faculty supervised analysis of the student's employing organization. Strategy formulation and policy integration.

811 Financial Accounting Concepts
Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

812 Managerial Accounting Concepts
Fall. 1(1-1) R: (PIM 811) R: Open only to MBA students in the Program in Integrative Management.
Accounting information for decision making and control: cost behavior patterns, activity-based costing, cost allocations, budgeting, transfer pricing, and accounting controls. Application of course concepts to work environment.

813 Information Systems
Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Information, process, and technology architectures of corporate information systems. Role of information in organizational control and decision making. Methods for evaluating effectiveness of information systems. Application of course concepts to the work environment.

821 Managerial Economics
Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Economics of the firm, with applications. Supply and demand, price, production cost, competitive markets, pricing with market power, strategic behavior.

822 Macroeconomics for Managers
Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Determinants of national income, employment, and inflation. Macroeconomic environment of business: business fluctuations, fiscal and monetary policy, international capital flows, and forecasting macroeconomic data.

831 Managerial Legal Environment
Spring. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
The U.S. legal system. The interrelationship of law and ethics. Regulation of business by courts, state and federal statutes, and governments. Applications of course concepts to work environment.

841 Corporate Finance
Fall. 1(1-1) R: (PIM 811) R: Open only to MBA students in the Program in Integrative Management.

842 Managerial Finance
Spring. 1(1-1) R: (PIM 811 and PIM 841) R: Open only to MBA students in the Program in Integrative Management.
Market efficiency, capital budgeting, security issues, dividend policy, capital structure, and bankruptcy costs. Agency problems between different stakeholders and option pricing. Application of course concepts to work environment.

850 Analysis and Decision Models
Summer. 1(1-1) R: (STT 315) R: Open only to MBA students in the Program in Integrative Management.
Models to support decision making: applications of regression analysis, decision analysis, simulation, forecasting, and project management.

852 Organization Design
Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Assessing tasks, environments, and technology to organize and implement corporate and business unit strategies. Assessing distinctive competencies in organizations to deal with dynamic environments. Application of course concepts to work environment.

853 Human Resource Management
Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Strategic organizational issues associated with managing the labor market to acquire, develop, and compensate human resources. Application of course concepts to work environment.

855 Strategic Management
Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.
Determination of the strategic direction of the firm in a global, complex, and volatile environment. Analysis of the management of strategic actions and processes within and across firm boundaries. Integration of environmental factors and organizational functions in the analysis of management problems.