

**400H. Honors Work**  
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**405. Food and Beverage Management**  
(447.) Winter, Spring, Summer of odd-numbered years. 4(3-2) 203A, 305; 435 or concurrently.

Duties and responsibilities of the manager in restaurant and catering operations. Management methods in goal setting, forecasting, controlling quality and costs; establishing policies to create favorable acceptance and profitable operation.

**435. Food Production Systems**  
(345.) Fall, Spring, Summer of even-numbered years. 6(4-6) F N 200; FSC 242.

Recognition and achievement of quality in development of systematic relationships between items, time, labor, equipment and costs in quantity food production. Quality procurement policies for food, beverages and related items. Field trip required.

**455. Food and Beverage Evaluation**  
(445.) Fall. 4(3-2) 435; approval of school.

History of foods and beverages and related physiological and psychological theories and their application to quantity food production and service.

**461. The Travel Trade**  
Winter. 4(4-0) 261, 375B; GEO 204; Seniors: MTA 447.

Evolution of tourism as an industry. Travel motivation, modes, accommodations, development, organizations; policies (private and governmental) and tourism administration. Field trip required.

**465. Recreation Industry Management**  
Fall. 4(4-0) 305.

Applies management principles in the recreation center, club, tourist entertainment and sales, and similar related businesses providing revenue-generating recreation, accommodations, and services.

**472. Design and Layout**  
Conceptualization, design, layout and specification of service industry facilities.

A. DESIGN AND LAYOUT -- INTERIOR  
Winter, Summer of odd-numbered years. 4(2-4) 350, 435.

B. DESIGN AND LAYOUT -- EXTERIOR  
Spring, Summer of even-numbered years. 4(2-4) 350, 435.

**473. Operations Research in the Service Industries**  
Fall, Spring. 4(3-0) 305 or 421; MTA 316; CPS 110; Seniors.

Application of marketing and operational research techniques to service industry management problems, emphasizing quantitative and analytical decision models designed for specific operations in this field.

**490. Operational Analysis in the Housing and Feeding Industry**  
Spring. 5(4-0) 305; Seniors.

Advanced management concepts, leading to an understanding of decision theory as applied to directed investigation into specific hospitality operations.

**499. Independent Study**  
Fall, Winter, Spring, Summer. 1(1-0) to 15(1-0) May re-enroll for a maximum of 15 credits.

Research in any phase of food, lodging, hospitality, tourism or health facilities operations. Research techniques; technical writing; and oral presentation of findings to faculty, interested students, and industry representatives.

**811. Policy Formulation and Organization**  
Fall. 5(5-0) 875, 888; MGT 806.

Development of goals, objectives and consistent business policies for the creation of dynamic and effective organizations for all phases of service industries.

**861. Economic Implications of Tourism**  
Fall. 3(3-0) EC 860.

Economic, historical, philosophical, psychological, governmental and educational aspects and satisfactions of travel. The promotion of tourism; the business of travel and its relationships to the hospitality industry.

**875. Merchandising for the Service Industries**  
Fall. 4(4-0) MTA 805.

Application of principles of marketing, sales, service, advertising, promotion and public relations to problems peculiar to these industries. Considerable use of actual cases.

**888. Financial Management for the Service Industries**  
Winter, Summer of odd-numbered years. 4(4-0) AFA 840.

Covers leasing, franchising, tax considerations, planning to meet financial needs from internal sources or from capital markets, management of current and capital assets, including inventories and operational equipment.

**890. Special Problems**  
Fall, Winter, Spring, Summer. 1 to 15 credits. Approval of school.

Opportunity for the outstanding student to engage in depth analysis of a service industry area of his choice that will result in a positive contribution to the field.

**896. Problems of the Service Industries**  
Spring, Summer. 3 credits. 888; MTA 802.

Formulation of plans based on analysis of situations and trends applying general business principles. Discussion of actual cases with leaders in service industries.

**898. Facilities Programming**  
Spring. 4 credits. MTA 802 or concurrently.

Application of principles and concepts drawn from many related disciplines to planning and operation of housing and food production systems, utilizing optimum physical and human resources.

**HUMAN DEVELOPMENT\* H D**  
College of Human Medicine

**590. Special Problems in Human Development**  
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Human medicine students.

Each student will work under direction of a staff member on an experimental, theoretical or applied problem.

\*Effective January 1, 1968.

**HUMAN MEDICINE H M**  
(COLLEGE OF)

**499. Seminar in Medicine and Society**  
(MED 499.) Fall, Winter, Spring. 2(3-0) Must re-enroll for a maximum of 6 credits. Human Medicine students.

Medicine in its wider social and cultural context. Health viewed as an expression of the person's total functioning - sociocultural, psychological, and biological - with illness regarded as the result of a dysfunction in any one of these areas.

**501. Human Biology and Behavior**  
(MED 501.) Fall. Variable credit. May re-enroll for a maximum of 12 credits. Year V Human Medicine students.

An integrative approach to the human organism, utilizing development as a central theme, and focusing upon the prenatal period.

**502. Human Biology and Behavior**  
(MED 502.) Winter. 12(9-11) 501. Variable credit. May enroll for a maximum of 12 credits.

Continuation of 501 focusing upon birth and the peri-natal period.

**503. Human Biology and Behavior**  
(MED 503.) Spring. 9(7-7) 502. Variable credit. May enroll for a maximum of 9 credits.

Continuation of 502 focusing upon the period of childhood.

**590. Special Problems in Human Medicine**  
Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. Human Medicine students.

Each student will work under direction of a faculty member of the college on an experimental, theoretical or applied problem. A student should employ this college level course, as distinguished from the departmental level special problems course, when his topic of interest seems to require a broad multidisciplinary approach.

**601. Human Biology and Behavior**  
Fall. Variable credit. May re-enroll for a maximum of 15 credits. Year V - College of Human Medicine Curriculum.

A multidisciplinary study of the human organism unified by the theme of growth and development. Covers the basic science and clinical aspects of human growth and development from adolescence to death.

**602. Human Biology and Behavior**  
Winter. 15(8-16) 601. Variable credit. May enroll for a maximum of 15 credits.

Continuation of 601.

**603. Human Biology and Behavior**  
Spring. 15(8-16) 602. Variable credit. May enroll for a maximum of 15 credits.

Continuation of 602.

**HUMANITIES HUM**  
University College

Alternative approaches or tracks are offered on an optional basis all of which meet the course objectives of 241, 242, 243. These are described briefly on the following page and are designated by letters which are used as part of the course number for registration. A student will normally proceed through the three courses in the same track. No student may receive credit for more than one track within a course (241, 242, 243).