NUTRITIONAL SCIENCES (NUTR)

NUTR 101 Introduction to the Nutrition Profession
1 cr. Undergraduate.
Introduction to the field of nutritional sciences and related professions.
Prerequisites: none.
Last Taught: Fall 2020, Fall 2019, Fall 2018, Fall 2017.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 110 Introduction to Food Principles & Preparation
3 cr. Undergraduate.
Introduction to the physical and chemical properties of foods, food safety and sanitation, food preparation procedures, and evaluation of prepared food products in a lab setting.
Prerequisites: grade of C or better in Nutr 210(P).
Last Taught: Spring 2021, Fall 2020, Spring 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 210 Food Science
3 cr. Undergraduate.
Continued study of the physical/chemical properties of foods; topics include food composition and nutrition, food additives and regulations, food safety and processing, food engineering.
Prerequisites: grade of C or better in NUTR 210(P).
Last Taught: Fall 2020, Spring 2020, Fall 2019, Spring 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 230 Health Aspects of Exercise and Nutrition
3 cr. Undergraduate.
Examines physical fitness and proper nutrition as lifestyle choices in maintaining optimal health and minimizing health risks.
Prerequisites: none.
Course Rules: Not open to students with credit in KIN 530, KIN 532, or PRPP 736. KIN 230 and NUTR 230 are jointly offered; they count as repeats of one another.
General Education Requirements: NS
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 235 Introduction to Nutrition for the Health Professions
3 cr. Undergraduate.
A broad, science-based, practical knowledge of nutritional science and metabolism to prepare for health and nutrition professions.
Prerequisites: grade of C or greater in Chem 100(P), Chem 101(P), or Chem 102(P); & Bio Sci 202(P) or (C).
Course Rules: Counts as repeat of Kin 290 w/same topic.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 240 Nutrition for Exercise and Wellness
3 cr. Undergraduate.
The role of nutrition in supporting health, wellness, and exercise on a national, state, community, and individual level.
Prerequisites: grade of C or better in NUTR 235(P) or BMS 232(P).
Course Rules: Counts as repeat of Kin 290 w/same topic.
Last Taught: Spring 2021, Fall 2020, Spring 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 241 Why We Eat What We Eat: An Ecological Approach
3 cr. Undergraduate.
Examination of food choice and eating behavior using a multilevel, social ecological perspective. Nutrition and health implications will be discussed.
Prerequisites: none.
General Education Requirements: SS
Last Taught: Fall 2020, Summer 2020, Fall 2019, Summer 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 245 Life Cycle Nutrition
3 cr. Undergraduate.
An exploration of physiological, sociological, and developmental factors that affect humans nutritional needs and recommendations throughout the life cycle.
Prerequisites: admis to Nutr major or Nutr minor.
Course Rules: Counts as a repeat of BMS 290 w/same topic.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 250 Introduction to the Basic Components of Nutritional Assessment
1 cr. Undergraduate.
Introduction to the basic components of nutritional assessment, behavior change theories and techniques, and educational processes for individuals and groups.
Prerequisites: admis to Nutr major or Nutr minor; grade of C or greater in NUTR 110(P).
Course Rules: acceptance for Study Abroad Program.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 297 Study Abroad:
1-12 cr. Undergraduate.
Designed to enroll students in a UWM sponsored program before course work level, content, and credits are determined and/or in specifically prepared program course work.
Prerequisites: admis to Nutr major or Nutr minor.
Course Rules: May be retaken w/chg in topic.
Last Taught: Fall 2018, Spring 2018.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 300 Advanced Nutrition Communication and Education
3 cr. Undergraduate.
Approaches to nutrition and health communication and education; development of nutrition and health-related communication materials for target audiences.
Prerequisites: admis to Nutr major or Nutr minor.
Last Taught: Fall 2020, Fall 2019, Fall 2018, Fall 2017.
Current Offerings: https://catalog.uwm.edu/course-search/

NUTR 305 Modifying Nutrition and Eating Behavior
3 cr. Undergraduate.
Introduction to the basic components of nutritional assessment, behavior change theories and techniques, and educational processes for individuals and groups.
Prerequisites: admis to Nutr major or Nutr minor; grade of C or better in NUTR 245(P) or (C).
Current Offerings: https://catalog.uwm.edu/course-search/
NUTR 430 Advanced Nutrition and Metabolism
3 cr. Undergraduate/Graduate.
Study of nutrients and their specific functions in metabolic processes; integrating physiology, biochemistry, and nutrition.
**Prerequisites:** admis to Nutr major or Nutr minor; Chem 103(P) or Chem 501(P) or (C).
**Last Taught:** Fall 2020, Fall 2019.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 430G Advanced Nutrition and Metabolism
3 cr. Undergraduate/Graduate.
Study of nutrients and their specific functions in metabolic processes; integrating physiology, biochemistry, and nutrition.
**Prerequisites:** admis to Nutr major or Nutr minor; Chem 103(P) or Chem 501(P) or (C).
**Last Taught:** Fall 2020, Fall 2019.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 435 Nutrition and Disease
3 cr. Undergraduate.
Explores nutritional, physiological, and biochemical aspects of disease processes, and examines the role of food and nutrition in disease prevention, management, and treatment.
**Prerequisites:** senior standing or consent of instructor.
**Course Rules:** Counts as repeat of KIN 590 with same topic. KIN 440 was previously KIN 482. KIN 440 and NUTR 440 are jointly offered; they count as repeats of one another.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 440 Innovative Approaches to Health and Wellness Coaching
3 cr. Undergraduate.
Study of health and wellness coaching theory and practice related to health behavior change.
**Prerequisites:** senior standing or consent of instructor.
**Course Rules:** Counts as repeat of KIN 590 with same topic. KIN 440 was previously KIN 482. KIN 440 and NUTR 440 are jointly offered; they count as repeats of one another.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 470 Nutrition Internship/Project
4 cr. Undergraduate.
Supervised internship experience or advanced project(s) typically during the last semester of the undergraduate major.
**Prerequisites:** sr st & admis to Nutr major; grade of C or better in Nutr 355(P) & Nutr 435(P) or (C); cons internship coord.
**Last Taught:** Spring 2021, Fall 2020, Spring 2020, Fall 2019.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 484 Community Nutrition Supervised Practice I
2 cr.
Guided by a preceptor, students are introduced to organizations delivering nutrition care in community settings; introductory skills for dissemination of nutrition information are practiced.
**Prerequisites:** Nutr 345(C) & 355(C); admis Coord Prog in Dietetics.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 497 Study Abroad:
1-12 cr. Undergraduate.
Designed to enroll students in UWM sponsored program before course work level, content, and credits are determined and/or in specially prepared program course work.
**Prerequisites:** acceptance for Study Abroad Prog.
**Course Rules:** Retakeable wchg in topic.
**Last Taught:** Summer 2019.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 550 Sports Nutrition
3 cr. Undergraduate/Graduate.
The integration and application of nutrition and exercise science principles to maximize health, fitness, and sport performance.
**Prerequisites:** junior standing and a grade of C or better in NUTR 235(P) or BMS 232(P).
**Course Rules:** Counts as a repeat of NUTR 550, or BMS 590 or KIN 590 with similar topic. NUTR 580 and KIN 580 are jointly offered; they count as repeats of one another.
**Last Taught:** Spring 2021.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 550G Sports Nutrition
3 cr. Undergraduate/Graduate.
The integration and application of nutrition and exercise science principles to maximize health, fitness, and sport performance.
**Prerequisites:** junior standing and a grade of C or better in NUTR 235(P) or BMS 232(P).
**Course Rules:** Counts as a repeat of NUTR 550, or BMS 590 or KIN 590 with similar topic. NUTR 580 and KIN 580 are jointly offered; they count as repeats of one another.
**Last Taught:** Spring 2021.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 555 Public Health Nutrition and Food Politics
3 cr. Undergraduate/Graduate.
This course highlights the role of food and nutrition in public health programs and services.
**Prerequisites:** jr st; grade of C or better in Nutr 235(P) or BMS 232(P), Nutr 240(P), & Bio Sci 203(P); or cons instr.
**Course Rules:** Counts as repeat of BMS(Kin) 290 w/same topic.
**Last Taught:** Fall 2018, Fall 2017.
**Current Offerings:** https://catalog.uwm.edu/course-search/

NUTR 555G Public Health Nutrition and Food Politics
3 cr. Undergraduate/Graduate.
This course highlights the role of food and nutrition in public health programs and services.
**Prerequisites:** jr st; grade of C or better in Nutr 235(P) or BMS 232(P), Nutr 240(P), & Bio Sci 203(P); or cons instr.
**Course Rules:** Counts as repeat of BMS(Kin) 290 w/same topic.
**Last Taught:** Fall 2018, Fall 2017.
**Current Offerings:** https://catalog.uwm.edu/course-search/
NUTR 574 Obesity and Weight Management
3 cr. Undergraduate/Graduate.
Examination of the epidemiology of obesity, genetic and environmental contributors, body weight regulation, health and psychosocial consequences, and approaches to assessment, prevention, and treatment.
**Prerequisites:** junior standing and a grade of C or better in BMS 232(P) or NUTR 235(P).
**Course Rules:** Counts as repeat of KIN 590 with same topic. KIN 574 and NUTR 574 are jointly offered; they count as repeats of one another.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)

NUTR 574G Obesity and Weight Management
3 cr. Undergraduate/Graduate.
Examination of the epidemiology of obesity, genetic and environmental contributors, body weight regulation, health and psychosocial consequences, and approaches to assessment, prevention, and treatment.
**Prerequisites:** junior standing and a grade of C or better in BMS 232(P) or NUTR 235(P).
**Course Rules:** Counts as repeat of KIN 590 with same topic. KIN 574 and NUTR 574 are jointly offered; they count as repeats of one another.
**Current Offerings:** [https://catalog.uwm.edu/course-search/](https://catalog.uwm.edu/course-search/)