Course Syllabus

Jump to Today





Dept of Sociology, Social Work and Family Sciences

NUT2025 Fundamentals of Nutrition

3 Units / Prerequisite is Chem 103 or 152

Spring 2023

1/10 - 2/28

Meeting Days: N/A

Meeting Times: Asynchronous

Meeting Location: Online

Final Exam: (Day/Time): Week 8

Instructor: Natasha Godwin MS RDN

Email: ngodwin@pointloma.edu (mailto:ngodwin@pointloma.edu)

Phone: By appointment upon request

Office Location and Hours: By appointment

upon request

PLNU MISSION

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an

expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

FOUNDATIONAL EXPLORATIONS MISSION

PLNU provides a foundational course of study in the liberal arts informed by the life, death, and resurrection of Jesus Christ. In keeping with the Wesleyan tradition, the curriculum equips students with a broad range of knowledge and skills within and across disciplines to enrich major study, lifelong learning, and vocational service as Christ-like participants in the world's diverse societies and culture.

COURSE DESCRIPTION

This course addresses evidence-based foundations of nutrition science and the scientific use of diet in health and well-being. Course content includes dietary guidelines, macro- and micro-nutrients, and an overview on chronic diseases related to nutrition.

COURSE LEARNING OUTCOMES

- Demonstrate content knowledge of nutrient requirements for growth and development during the lifecycle stages of conception through late maturity.
- 2. Apply content knowledge to disease prevention and treatment, and start developing skills in teaching/counseling nutrition information to individuals or groups.
- 3. Apply foundations of knowledge in physical and biological sciences, as they relate to human physiology, nutrient sources and nutrient function
- 4. Analyze, interpret and evaluate current evidence-based research related to nutrition topics.
- 5. Examine cultural differences in food-related behaviors when working with peoples of diverse ethnic, religious and socio-economic backgrounds.
- Evaluate the effects of societal, cultural and financial dynamics upon diet trends, dietary choices and food preparation methods among families, and societies.

ASSESSMENT OUTCOMES

DEPARTMENT	PROGRAM	COURSE	ASSESSMENT
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DEPARTMENT	PROGRAM	COURSE	ASSESSMENT
Students will demonstrate an understanding of the multiple factors that influence the development and quality of life of individuals, families, and communities throughout the lifespan. (Learning)	1.1 Demonstrate content knowledge of nutrient requirements for growth and development during the lifecycle stages of conception through late maturity. 1.2 Apply content knowledge to disease prevention and treatment, and start developing skills in teaching/counseling nutrition information to individuals or groups.	nutrition's role in disease prevention, health and well-being 1.1.2 Discuss nutritional requirements of individuals and variation in needs, depending on lifecycle stage and activity level 1.2.1 Describe the different measures of nutritional requirements/dietary adequacy, e.g., DRIs, RDAs, Als, TUILs of nutrients, food planning guides 1.2.3 Identify the macronutrients and major micronutrients, describing basic functions and food sources of each 1.2.4 Explain how diet is modified in the prevention/treatment of chronic health conditions.	Chapter quizzes Design a high fiber diet Discuss the 2015 Dietary Guidelines for Americans Create a video analysis of a nutrition facts label Alter a given diet to lower the saturated fat content Calculate your RDA for protein Plan a one-day menu meeting your protein Plan a 3-day diet Interview family member on following a modified diet
2. Students will identify appropriate resources to use in application for	2.1 Apply foundations of knowledge in physical and biological	2.1.1 Describe the process of human digestion, nutrient absorption, nutrient	Chapter quizzes Discuss factors that affect digestion

DEPARTMENT	PROGRAM	COURSE	ASSESSMENT
problem solving. (Learning)	sciences, as they relate to human physiology, nutrient sources and nutrient function.	transport and metabolism; 2.1.2 Identify determinants of energy balance and how imbalance can impact long-term health	Calculate your BMI and total energy expenditure using standard equations Research fad diets Create a best choice vs worse choice fast food menu
3. Students will analyze research data or original published works, and use critical thinking skills for evaluating products, research, or theories.	3.1 Analyze, interpret and evaluate current evidence-based research related to nutrition topics.	3.1.1 Examine the accuracy and validity of nutrition information sources and claims; 3.1.2 Complete a dietary recall and analysis of the food intake recorded;	Chapter quizzes Create a video analysis of a nutrition facts label Record a 3-day diet food and beverage intake Analyze 3-day diet record Research fad diets Create a best choice vs worse choice fast food menu
4. Students will examine the value of societal diversity and ethical treatment of others as a result of their Christian faith. (Growing)	4.1 Examine cultural differences in food-related behaviors when working with peoples of diverse ethnic, religious and socio-economic backgrounds. 4.2 Evaluate the effects of societal,	4.1.1 Describe how cultural and environmental factors could influence food patterns and health beliefs of individuals 4.1.2 Display professional behavior: respect and	Chapter quizzes Discuss own food choices, and mindless eating Interview family member on following a modified diet Punctual attendance

DEPARTMENT	PROGRAM	COURSE	ASSESSMENT
	cultural and financial dynamics upon diet trends, dietary choices and food preparation methods among families, and societies.	consideration for classmates and instructor	and adherence to online policies

FOUNDATIONAL EXPLORATIONS LEARNING OUTCOMES

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Insel, P. M. (2017). *Nutrition* (6th edition). Jones & Bartlett Learning.

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COURSE CREDIT HOUR INFORMATION

In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 3-unit class delivered over 8 weeks. It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour on their coursework. For this course, students will spend an estimated 112.5 total hours meeting the course learning outcomes. The time estimations are provided in the Canvas modules and shown below:

ASSIGNMENTS	HOURS
Reading (13 chapters)	45
Quizzes	7.5
Discussions	23
Videos	8
Teaching a Nutrition Facts Label	4
Diet Change Assignments	6
3-Day Diet Analysis	10
Family Member Diet Interview	5
Fast Food Menu Analysis	2
Metabolism Case Study	2
Total	112.5

ASSESSMENT AND GRADING

Your grades will be posted in the Canvas grade book no later than midnight on Tuesday of each week beginning in Week Two of this course. It is important to read the feedback provided in the grade book as these comments are intended to help you improve your work. Final grades will be posted within ten days of the end of the class. Multiple measures of evaluation are used in the course, allowing students opportunities to demonstrate their learning in more than one way, and giving consideration to individual learning styles. Course components that will be evaluated include:

1. Discussions

Each week, students will participate in online discussions with classmates, which are related to the week's readings. These discussions replace the interactive dialogue that occurs in the traditional classroom setting. **Discussions represent 20% of the overall course grade.**

2. Quizzes

Quizzes are required for each chapter. Read the chapter, access the quiz, and answer the questions. You have unlimited time, and two attempts at each quiz, however your second attempt will record as your final grade. **Quizzes represent 10% of the overall course grade.**

3. Written Assignments

There are several written assignments due in this 8-week course. They include changing diets to make healthier choices, teaching a nutrition label, completing a case study on metabolism, researching fad diets and interviewing a family member regarding his/her diet change. The final

assignment for this course is analyzing a 3-day diet. The purpose of this assignment is to learn more about your dietary intake, as well as your ability to correctly analyze the nutritional value of a diet. These assignments must reflect college-level writing and critical thinking. **Assignments represent 40% of the overall course grade.**

4. Exams

After each week's instruction, there will be a required exam. The exam will cover the chapters from the previous week. The exams will be timed, and you cannot use your text. **Exams represent 15% of the overall course grade.**

5. Final Exam

The last day of class will involve taking a final exam. It will cover information you should now know and understand after doing the quizzes, projects and weekly exams. Again, the final exam will be timed, and you cannot use your text. **The Final Exam represents 15% of the overall course grade.**

Final grades will be posted within one week of the end of the class. Grades will be based on the following:

Grades will be based on the following:

Α	В	С	D	F
A 93-100	B+ 87-89	C+ 77-79	D+ 67-69	F Less than 59
A- 90-92	В 83-86	C 73-76	D 63-66	
	B- 80-82	C- 70-72	D- 60-62	

STATE AUTHORIZATION

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course,

continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on State Authorization (https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures) to view which states allow online (distance education) outside of California.

INCOMPLETES AND LATE ASSIGNMENTS

All assignments are to be submitted by the due dates posted. There will be a 25% reduction of possible points for each day an assignment is late. If missing assignments result in the failure to meet learning outcomes, this instructor may give up to a letter grade reduction on the final grade in addition to the loss of points for missing work. No assignments will be accepted after midnight on Sunday night, the last day of class.

While there are due dates for weekly assignments, you are welcome to post your work earlier in the week. In our discussions, late work means that others may not have the opportunity to respond to your comments. It also means that you will not have the benefit of as much interaction with other students as you will have if your assignment is posted on time. If you know you will be away on the day your assignment is due, please post your work before you leave.

Assignments will be considered late if posted after midnight Pacific Standard Time on the day they are due.

PLNU COPYRIGHT POLICY

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

PLNU ACADEMIC HONESTY POLICY

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See Academic Policies (https://catalog.pointloma.edu/content.php?catoid=52&">Academic Policies (https://catalog.pointloma.edu/content.php?catoid=52&")

<u>navoid=2919#Academic_Honesty</u>) for definitions of kinds of academic dishonesty and for further policy information.

PLNU ACADEMIC ACCOMMODATIONS POLICY

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu (mailto:EAC@pointloma.edu) or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will issue an academic accommodation plan ("AP") to all faculty who teach courses in which the student is enrolled each semester.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course and/or if they do not wish to utilize some or all of the elements of their AP in that course.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC.

PLNU ATTENDANCE AND PARTICIPATION POLICY

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions, the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation.

In some courses, a portion of the credit hour content will be delivered **asynchronously** and attendance will be determined by submitting the assignments by the posted due dates. See **Academic Policies** (https://catalog.pointloma.edu/content.php?catoid=52& navoid=2919#Academic Honesty) in the Undergraduate Academic Catalog. If absences exceed these limits but are due to university excused health issues, an exception will be granted.

Asynchronous Attendance/Participation Definition

A day of attendance in asynchronous content is determined as contributing a substantive note, assignment, discussion, or submission by the posted due date. Failure to meet these standards will result in an absence for that day. Instructors will determine how many asynchronous attendance days are required each week.

SPIRITUAL CARE

Please be aware PLNU strives to be a place where you grow as whole persons. To this end, we provide resources for our students to encounter God and grow in their Christian faith.

If students have questions, a desire to meet with the chaplain or have prayer requests you can contact the **Office of Spiritual Development.**

SEXUAL MISCONDUCT AND DISCRIMINATION

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the <u>Title IX Office (https://www.pointloma.edu/title-ix)</u>. Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at counselingservices@pointloma.edu or find a list of campus pastors at the Title IX Office | Get Help Now (https://www.pointloma.edu/title-ix/get-help-now)

USE OF TECHNOLOGY

In order to be successful in the online or hybrid environment, you'll need to meet the minimum technology and system requirements; please refer to the <u>Technology and System Requirements</u> (https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) information. Additionally, students are required to have headphone speakers, microphone, or webcams compatible with their computer available to use. Please note that any course with online proctored exams require a computer with a camera (tablets are not compatible) to complete exams online.

Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

ASSIGNMENTS AT-A-GLANCE

Course Summary:

Date	Details	Due
Tue Jan 10, 2023	Academic Honesty Verification Statement (https://canvas.pointloma.edu /courses/66080/assignments/863030)	due by 11:59pm
Wed Jan 11, 2023	Ch. 01: Food choices - nutrients and nourishment (https://canvas.pointloma.edu //courses/66080/assignments/863029)	due by 11:59pm
	Introduce yourself (https://canvas.pointloma.edu /courses/66080/assignments/863049)	due by 11:59pm
Thu Jan 12, 2023	Ch. 02: Nutrition Guidelines and Assessment (https://canvas.pointloma.edu //courses/66080/assignments/863022)	due by 11:59pm
	Chp 1 Discussion: Why we eat what we eat (https://canvas.pointloma.edu/courses/66080/assignments/863048)	due by 11:59pm
	Mindless Eating - Why We Eat More Than We Think (https://canvas.pointloma.edu //courses/66080/assignments/863043)	due by 11:59pm
	Analyze Dietary Guidelines (https://canvas.pointloma.edu /courses/66080/assignments/863052)	due by 11:59pm
Fri Jan 13, 2023	Fooducate (https://canvas.pointloma.edu /courses/66080/assignments/863055)	due by 11:59pm
	Teach a Food Label (https://canvas.pointloma.edu //courses/66080/assignments/863063)	due by 11:59pm

Date	Details	Due
Mon Jan 16, 2023		due by 11:59pm
Tue Jan 17, 2023	Digestion Video (https://canvas.pointloma.edu /courses/66080/assignments/863047)	due by 11:59pm
Wed Jan 18, 2023	Exam 1 (https://canvas.pointloma.edu/courses/66080/assignments/863017)	due by 11:59pm
		due by 11:59pm
Thu Jan 19, 2023	Following a Low Carbohydrate Diet (https://canvas.pointloma.edu /courses/66080/assignments/863046)	due by 11:59pm
Fri Jan 20, 2023	Increasing Fiber in a Diet (https://canvas.pointloma.edu /courses/66080/assignments/863056)	due by 11:59pm
W		due by 11:59pm
Mon Jan 23, 2023	Lipid Digestion Video (https://canvas.pointloma.edu /courses/66080/assignments/863057)	due by 11:59pm
Tue Jan 24, 2023	Lowering Saturated Fat in a Diet (Groupwork) (https://canvas.pointloma.edu /courses/66080/assignments/863058)	due by 11:59pm
Wed Jan 25, 2023	Exam 2 (https://canvas.pointloma.edu /courses/66080/assignments/863036)	due by 11:59pm

Date	Details	Due
Thu lon 20, 2022	Ch. 06: Proteins and Amino Acids (https://canvas.pointloma.edu/courses/66080/assignments/863028)	due by 11:59pm
Thu Jan 26, 2023	Protein Supplements (https://canvas.pointloma.edu /courses/66080/assignments/863041)	due by 11:59pm
Fri Jan 27, 2023	Protein Needs (https://canvas.pointloma.edu /courses/66080/assignments/863061)	due by 11:59pm
Mon Jan 30, 2023		due by 11:59pm
Tue Jan 31, 2023	Metabolism Video and Case Study (Groupwork) (https://canvas.pointloma.edu /courses/66080/assignments/863059)	due by 11:59pm
Wed Feb 1, 2023	Exam 3 (https://canvas.pointloma.edu/courses/66080/assignments/863018)	due by 11:59pm
	10 Commandments of Health (https://canvas.pointloma.edu /courses/66080/assignments/863044)	due by 11:59pm
Thu Feb 2, 2023		due by 11:59pm
		due by 11:59pm
Mon Feb 6, 2023		due by 11:59pm

Date	Details	Due
Tue Feb 7, 2023	Fad Diets (https://canvas.pointloma.edu /courses/66080/assignments/863040)	due by 11:59pm
Wed Feb 8, 2023	Ch. 13: Trace Minerals (https://canvas.pointloma.edu /courses/66080/assignments/863026)	due by 11:59pm
Fri Feb 10, 2023	Exam 4 (https://canvas.pointloma.edu /courses/66080/assignments/863031)	due by 11:59pm
Sun Feb 12, 2023	3-Day Diet Analysis (https://canvas.pointloma.edu/courses/66080/assignments/863051)	due by 11:59pm
Mon Feb 13, 2023	3-Day Diet Discussion (https://canvas.pointloma.edu/courses/66080/assignments/863038)	due by 11:59pm
WOTT CD 10, 2020	Ch. 14: Sports Nutrition (https://canvas.pointloma.edu //courses/66080/assignments/863034)	due by 11:59pm
Tue Feb 14, 2023	Sports Nutrition Infographic (+Peer Evaluation) (https://canvas.pointloma.edu /courses/66080/assignments/863062)	due by 11:59pm
Wed Feb 15, 2023	Ch. 14A: Eating Disorders (https://canvas.pointloma.edu /courses/66080/assignments/863023)	due by 11:59pm
Thu Feb 16, 2023	Addressing Disordered Eating Patterns (https://canvas.pointloma.edu /courses/66080/assignments/863039)	due by 11:59pm
Fri Feb 17, 2023	Disordered Eating & EAT 26 (https://canvas.pointloma.edu /courses/66080/assignments/863053)	due by 11:59pm

Date	Details	Due
Mon Feb 20, 2023	Ch. 09: Energy Balance, Body Composition, Weight Management (https://canvas.pointloma.edu /courses/66080/assignments/863032)	due by 11:59pm
	Diet Analysis (https://canvas.pointloma.edu /courses/66080/assignments/863042)	due by 11:59pm
Tue Feb 21, 2023	Fast Food Menu Analysis (https://canvas.pointloma.edu /courses/66080/assignments/863054)	due by 11:59pm
Wed Feb 22, 2023	Ch. 15: Diet and Health (https://canvas.pointloma.edu /courses/66080/assignments/863019)	due by 11:59pm
Thu Eab 22, 2022	Modified Diet Interview (https://canvas.pointloma.edu /courses/66080/assignments/863060)	due by 11:59pm
Thu Feb 23, 2023	Reflection on Diet Interview (https://canvas.pointloma.edu /courses/66080/assignments/863050)	due by 11:59pm
Mon Feb 27, 2023	Longevity Quiz (https://canvas.pointloma.edu /courses/66080/assignments/863045)	due by 11:59pm
	Final Exam (https://canvas.pointloma.edu /courses/66080/assignments/863024)	due by 11:59pm
Tue Feb 28, 2023	Nutrition Takeaways Discussion (https://canvas.pointloma.edu /courses/66080/assignments/863037)	due by 11:59pm