

## 1. Master and apply core principles and concepts in human nutrition, biochemistry and metabolism.

<a href="#">222.641</a>	P	Princ of Human Nutr	X	Course Work/Exams
<a href="#">222.644</a>	P	Nutr Biochem	X	Seminars
<a href="#">222.649</a>	R	Int'l Nutr	X	Written Comprehensive/Qualifying Exam
<a href="#">222.651</a>	P	Adv Nutr Metabolism		Department Preliminary Orals
<a href="#">222.655</a>	R	Nutr & Life Stages		School-wide Preliminary Orals
<a href="#">222.860</a>	P	Grad Sem: Nutr	X	Doctoral Research & Thesis
<a href="#">223.665</a>	P	Inf, Immunity & Undernutr	X	Preparing a scholarly project proposal
				Teaching (TA, Course Lecturer, Course Instructor)
				Final Defense
				Public Thesis Presentation

## 2. Investigate the epidemiology and underlying causes and public health consequences of key nutritional problems.

<a href="#">222.647</a>	P	Nutr Epi	X	Course Work/Exams
<a href="#">222.649</a>	P	Int'l Nutr	X	Seminars
<a href="#">222.654</a>	R	Food, Culture, & Nutr		Written Comprehensive/Qualifying Exam
<a href="#">222.655</a>	R	Nutr & Life Stages		Department Preliminary Orals
<a href="#">222.662</a>	P	Intro Global Obesity in PH		School-wide Preliminary Orals
<a href="#">222.860</a>	R	Grad Sem: Nutr	X	Doctoral Research & Thesis
			X	Preparing a scholarly project proposal (e.g., grant)
				Teaching (TA, Course Lecturer, Course Instructor)
				Final Defense
				Public Thesis Presentation

## 3. Place public health nutrition problems in their biological, social, cultural, and behavioral context.

<a href="#">222.649</a> R	Int'l Nutr	X	Course Work/Exams
<a href="#">222.653</a> R	Food Tech & Hlth		Seminars
<a href="#">222.654</a> P	Food, Culture, & Nutr	X	Written Comprehensive/Qualifying Exam
<a href="#">222.655</a> P	Nutr & Life Stages		Department Preliminary Orals
<a href="#">222.657</a> R	Food & Nutr Pol		School-wide Preliminary Orals
<a href="#">222.662</a> R	Intro Global Obesity in PH	X	Doctoral Research & Thesis
<a href="#">223.665</a> R	Inf, Immunity & Undernutr	X	Preparing a scholarly project proposal
			Teaching (TA, Course Lecturer, Course Instructor)
			Final Defense
			Public Thesis Presentation

## 4. Design, test, and implement population-based food and nutrition interventions and strategies for prevention and treatment of global nutritional problems.

<a href="#">140.621</a> P	Stats Methds in PH I	<a href="#">340.752</a> P	Epi Methds 2	X	Course Work/Exams
<a href="#">140.622</a> P	Stats Methds in PH II	<a href="#">340.753</a> P	Epi Methds 3		Seminars
<a href="#">140.623</a> P	Stats Methds in PH III	<a href="#">410.675</a> R	Crit Analysis of Diets & Supplmnt		Written Comprehensive/Qualifying Exam
<a href="#">140.624</a> P	Stats Methds in PH IV				Department Preliminary Orals
<a href="#">140.651</a> P	Methds in Biostats I				School-wide Preliminary Orals
<a href="#">140.652</a> P	Methds in Biostats II			X	Doctoral Research & Thesis
<a href="#">140.653</a> P	Methds in Biostats III			X	Preparing a scholarly project proposal
<a href="#">140.654</a> P	Methds in Biostats IV				Teaching (TA, Course Lecturer, Course Instructor)
<a href="#">222.647</a> P	Nutr Epi				Final Defense
<a href="#">222.649</a> R	Int'l Nutr				Public Thesis Presentation
<a href="#">222.653</a> R	Food Tech & Hlth				
<a href="#">222.657</a> R	Food & Nutr Pol				
<a href="#">340.601</a> P	Princ of Epi				
<a href="#">340.751</a> P	Epi Methds 1				

5. Critically evaluate the reliability and validity of indicators of nutritional status (anthropometry, biochemical markers), and measures of dietary assessments and food related behaviors, including strengths, weaknesses, and techniques of measurement for assessing the nutritional status of populations.

<a href="#">222.641</a>	P	Princ of Human Nutr	X	Course Work/Exams
<a href="#">222.642</a>	P	Assess Nutr Status		Seminars
<a href="#">222.647</a>	P	Nutr Epi		Written Comprehensive/Qualifying Exam
<a href="#">222.661</a>	P	Designing Hlthy Diets		Department Preliminary Orals
<a href="#">340.601</a>	R	Princ of Epi		School-wide Preliminary Orals
<a href="#">340.751</a>	R	Emerging Inf	X	Doctoral Research & Thesis
<a href="#">340.752</a>	R	Challenges Global TB Cntrl & Rsrch	X	Preparing a scholarly project proposal
<a href="#">340.753</a>	R	Epi Inference Outbreak Invest		Teaching (TA, Course Lecturer, Course Instructor)
				Final Defense
				Public Thesis Presentation

6. Frame research question to address specific aims, in the context of existing knowledge.

<a href="#">222.649</a>	P	Int'l Nutr	X	Course Work/Exams
<a href="#">222.654</a>	R	Food, Culture, & Nutr	X	Seminars
<a href="#">222.658</a>	R	Crit Thinking in Nutr		Written Comprehensive/Qualifying Exam
<a href="#">222.659</a>	R	Crit Thinking in Nutr II		Department Preliminary Orals
<a href="#">222.661</a>	P	Designing Hlthy Diets		School-wide Preliminary Orals
<a href="#">222.662</a>	P	Intro Global Obesity in PH	X	Doctoral Research & Thesis
<a href="#">222.860</a>	P	Grad Sem: Nutr	X	Preparing a scholarly project proposal
<a href="#">222.861</a>	R	Doc Sem: Proposal Dev		Teaching (TA, Course Lecturer, Course Instructor)
<a href="#">550.865</a>	R	PH Perspectives on Rsrch		Final Defense
				Public Thesis Presentation

## 7. Design and conduct field research from conception of ideas through proposal development, implementation, analysis and publication of findings.

<a href="#">140.621</a> P	Stats Methds in PH I	<a href="#">340.753</a> P	Epi Methds 3	X	Course Work/Exams
<a href="#">140.622</a> P	Stats Methds in PH II			X	Seminars
<a href="#">140.623</a> P	Stats Methds in PH III				Written Comprehensive/Qualifying Exam
<a href="#">140.624</a> P	Stats Methds in PH IV				Department Preliminary Orals
<a href="#">140.651</a> P	Methds in Biostats I				School-wide Preliminary Orals
<a href="#">140.652</a> P	Methds in Biostats II			X	Doctoral Research & Thesis
<a href="#">140.653</a> P	Methds in Biostats III			X	Preparing a scholarly project proposal
<a href="#">140.654</a> P	Methds in Biostats IV				Teaching (TA, Course Lecturer, Course Instructor)
<a href="#">222.820</a> P	Thesis Rsrch: Human Nutr				Final Defense
<a href="#">222.860</a> R	Grad Sem: Nutr				Public Thesis Presentation
<a href="#">222.861</a> P	Doc Sem: Proposal Dev				
<a href="#">340.601</a> P	Princ of Epi				
<a href="#">340.751</a> P	Epi Methds 1				
<a href="#">340.752</a> P	Epi Methds 2				

## 8. Prepare applications to an IRB for ethical approval, considering ethical issues involved in research in resource poor settings and argue for a specific approach to addressing these ethical issues.

<a href="#">222.820</a> R	Thesis Rsrch: Hlth Sys	X	Course Work/Exams
<a href="#">306.655</a> P	Ethical Issues in PH	X	Seminars
<a href="#">306.665</a> P	Rsrch Ethics & Integrity		Written Comprehensive/Qualifying Exam
<a href="#">550.600</a> P	Responsible Conduct of Rsrch		Department Preliminary Orals
<a href="#">550.860</a> R	Academic & Rsrch Ethics at JHSPH		School-wide Preliminary Orals
		X	Doctoral Research & Thesis
		X	Preparing a scholarly project proposal
			Teaching (TA, Course Lecturer, Course Instructor)
			Final Defense
			Public Thesis Presentation

9. Place the research findings in the context of existing knowledge, identify limitations of the research, specify further areas for research, and analyze policy implications and public health significance of the findings.

<a href="#">222.657</a> P	Food & Nutr Pol	X	Course Work/Exams
<a href="#">222.820</a> P	Thesis Rsrch: Human Nutr	X	Seminars
			Written Comprehensive/Qualifying Exam
			Department Preliminary Orals
			School-wide Preliminary Orals
		X	Doctoral Research & Thesis
		X	Preparing a scholarly project proposal
			Teaching (TA, Course Lecturer, Course Instructor)
		X	Final Defense
			Public Thesis Presentation

10. Communicate scientific findings through written and oral methods to scientific audiences and peers and through teaching students.

<a href="#">222.649</a> P	Int'l Nutr	X	Course Work/Exams
<a href="#">222.655</a> P	Nutr & Life Stages	X	Seminars
<a href="#">222.659</a> P	Crit Thinking in Nutr II		Written Comprehensive/Qualifying Exam
<a href="#">222.820</a> R	Thesis Rsrch: Human Nutr	X	Department Preliminary Orals
<a href="#">222.860</a> R	Global Dis Epi & Cntrl Prog Sem	X	School-wide Preliminary Orals
<a href="#">222.861</a> P	Doc Sem: Proposal Dev	X	Doctoral Research & Thesis
			Preparing a scholarly project proposal
		X	Teaching (TA, Course Lecturer, Course Instructor)
		X	Final Defense
		X	Public Thesis Presentation

## 11. Produce an appropriate statistical analysis of collected data and provide a reasoned interpretation of the results.

<a href="#">140.621</a>	P	Stats Methds in PH I	X	Course Work/Exams
<a href="#">140.622</a>	P	Stats Methds in PH II		Seminars
<a href="#">140.623</a>	R	Stats Methds in PH III		Written Comprehensive/Qualifying Exam
<a href="#">140.624</a>	R	Stats Methds in PH IV		Department Preliminary Orals
<a href="#">140.651</a>	P	Methds in Biostats I		School-wide Preliminary Orals
<a href="#">140.652</a>	P	Methds in Biostats II	X	Doctoral Research & Thesis
<a href="#">140.653</a>	R	Methds in Biostats III		Preparing a scholarly project proposal
<a href="#">140.654</a>	R	Methds in Biostats IV		Teaching (TA, Course Lecturer, Course Instructor)
<a href="#">222.820</a>	P	Thesis Rsrch: Human Nutr	X	Final Defense
<a href="#">340.601</a>	P	Princ of Epi	X	Public Thesis Presentation
<a href="#">340.751</a>	P	Epi Methds 1		
<a href="#">340.752</a>	P	Epi Methds 2		
<a href="#">340.753</a>	P	Epi Methds 3		

## 12. Implement and manage a research project, monitor progress of the study and the quality of data collected.

<a href="#">222.820</a>	P	Thesis Rsrch: Dis Control		Course Work/Exams
				Seminars
				Written Comprehensive/Qualifying Exam
				Department Preliminary Orals
				School-wide Preliminary Orals
			X	Doctoral Research & Thesis
				Preparing a scholarly project proposal
				Teaching (TA, Course Lecturer, Course Instructor)
			X	Final Defense
			X	Public Thesis Presentation