

CMU HONORS PROGRAM

COURSE DESCRIPTION GUIDE for FALL 2019

Honors Courses Offered for Fall 2019

ACC 255H	BIO 320H	CHM 345H	HDF 100H	HON 32MM	HSC 308H	PSY 379H
ASL 101H	BIO 629	COM 101H	HON 300	HON 399	HSC 411H	PSY 387H
BCA 101H	BUS 100H	ECO 204H	HON 315	HON 499	MTH 132H	SPE 504H
BIO 111H	BUS 301HS	ENG 101H	HON 321JJ	HON 499WI	MUS 397H	TAI 170H
BIO 211H	CHM 131H	FNS 370H	HON 321KK	HSC 214H	PHL 100H	

**Priority Registration for Fall 2019 classes
Begins at 5:00 am on Monday, March 25**

FALL 2019 SPECIAL TOPIC HONORS COURSES

Six never before offered Honors courses!

HON 321JJ	Games and Knowledge Makers	In mid-2016 BuzzFeed News started to notice a collection of entirely fake news stories. They were all coming from a small town in Macedonia. BBC News published an article that year entitled "The City Getting Rich from Fake News." Soon after the phrase "Fake News" took off as a way of questioning expertise. This course uses games, history, and science in combination to examine how expertise related to the environment is created, questioned, and deconstructed. Students will play serious games, modify games, and create a game for the larger CMU community to play during the Spring semester. No gaming experience is needed.
HON 321KK	Best Practices in Health and Medicine: A Guided Systematic Review	This working group seminar will work in teams to complete a review of a contemporary question about best practices in health and medicine. This team based project will be guided weekly by faculty experts so that students will have a completed draft by the end of the semester. Students that wish to use this project for Honors capstone work are permitted to use this project with additional editing of the final paper after the class is completed.
HON 321MM	How to Lose a Billion Dollars in 10 Days	"It is through failure that we learn the greatest lessons that life could teach us." This class will teach the fundamentals of investing by examining historic financial failures. Academic study will be enriched by a trip to the University of Michigan for the annual Undergraduate Investment Conference.
MUS 397H	Racism and Discrimination in Jazz c. 1900-1970	Students will be challenged to watch, listen, and reflect to specific issues that have arisen in America during 1900-1970. A 'field trip' or two will be utilized to provide insight into America's original art form of jazz. The class will look at specific issues that challenged African Americans, Hispanic Americans, and women during the development of jazz. No previous training in music or jazz required! This class may qualify as a 3-credit diversity requirement for the Honors Protocol. Sign up in Powers 104 starting on Friday, March 22.
BIO 320H	Biology of Microorganisms	General microbiology course that explores the cell structure, metabolism, genetics, and diversity of microorganisms.
BIO 629	Topics in Eukaryotic Molecular Genetics	BIO 629, a graduate course in molecular genetics, will be open to undergraduate students for the first time in fall 2019. This course explores approaches used in current genetics research, including medically-relevant methods such as CRISPR-Cas9 genome editing. Class time is spent discussing and presenting journal articles that exemplify these experimental approaches.

HON 321JJ - Games and Knowledge Makers

In mid-2016 BuzzFeed News started to notice a collection of entirely fake news stories. They were all coming from a small town in Macedonia. BBC News published an article that year entitled "The City Getting Rich from Fake News." Soon after the phrase "Fake News" took off as a way of questioning expertise. This course uses games, history, and science in combination to examine how expertise related to the environment is created, questioned, and deconstructed. Students will play serious games, modify games, and create a game for the larger CMU community to play during the Spring semester. No gaming experience is needed.



Instructors: Dr. Daria Kliver and Dr. Jonathan Truitt

Class meets: Tuesdays and Thursdays, 12:30-1:45

HON 321KK - Best Practices in Health and Medicine: A Guided Systematic Review



Health and medicine students, please note this unique opportunity that is appropriate for advanced students and may be used to complete the Honors requirement if desired!

The CMU Masters in Public Health Program has established the US-Cochrane Satellite on campus – the first of its kind in the U.S.! Although our local site is focused on pregnancy and childbirth, the Cochrane systematic review process can be used to explore any number of contemporary health and medicine best practice questions.

For this real world, working group seminar, students will be grouped in small working teams to identify a clinical health question where this is not already a well-designed systematic review completed. Under the weekly guidance of the seminar instructor and support faculty, teams will follow the review protocol to define the question, establish criteria for the review, search past studies, and analyze this work for bias. Using the tools of a standard professional Cochrane review, students will then complete a meta-analysis of the work to explore patterns of results that can be interpreted for professionals in the field.

The analysis and completed review are original contributions to the field and work may be extended beyond the semester to polish papers for submission for publication in the Cochrane library which can be accessed by professionals from around the world. **Students may use this process to count their review as their Honors Capstone Project!**

To see what kinds of questions a Cochrane Review addresses, go to their library website and type in a keyword about something that interests you...the results are fascinating and should help you see how you can work on a project that adds to this database! <https://www.cochranelibrary.com/>

Questions about the seminar should be directed to Dr. Shayesteh Jahanfar at jahan2s@cmich.edu.

Instructor: Dr. Shayesteh Jahanfar

Class meets: Tuesdays and Thursdays, 11:00-12:15

HON 321MM - How to Lose a Billion Dollars in 10 Days



“It is through failure that we learn the greatest lessons that life could teach us.” An accepted substitute for FIN 315 (Investments), this course is intended for all majors and will teach the fundamentals of investing by examining historic financial failures. (Students who have completed FIN 315 are still permitted to take this course.)

While it is entertaining and educational to study risks and massive failures, the objective of the course is, of course, not to learn how to lose money, but rather to *avoid* doing so. By the end of the course, students will gain a solid understanding of investments, a competency which is beneficial for all majors. Accordingly, this course is open to all majors, and no prior knowledge of finance is expected.

In the course, students will explore Ben Graham’s insistence that “the intelligent investor is a realist who sells to optimists and buys from pessimists.” They will study why the marketplace lacks intelligent investors who understand the fundamental principles of investments and exercise the proper discipline to invest well. Students will be shown that Warren Buffett, Peter Lynch, and other iconic investors have been incredibly successful because of their strong intuition behind fundamental concepts of investing, as well as their focus on the simplicity of the market rather than its complexity.

Throughout the semester, students will learn the principles of investments. Coursework will be enriched by engaging activities to test and solidify conceptual understanding.

Selected activities:

- **Undergraduate Investment Conference:** In October, students will travel to the University of Michigan to participate in the annual Undergraduate Investment Conference.
- **Stock pitch competition:** At the Conference, students will have an opportunity to work with a team to analyze and present information on buying/selling a stock.
- **Virtual portfolio:** Students will take on the challenge of creating a virtual portfolio and trying to *lose* as much money as possible. Since identifying market risks is a not trivial task, students will learn that it can be just as difficult to intentionally *lose* money as it is to make it.

Technical skills developed:

- Financial Modeling
- Microsoft Excel
- Bloomberg Terminal

Feel free to reach out with questions to Dr. Dolinsky at max.dolinsky@cmich.edu or at 989.774.3062

Instructor: Dr. Max Dolinsky

Class meets: Tuesdays and Thursdays, 9:30-10:45

MUS 397H – Racism and Discrimination in Jazz c. 1900-1970

Students interested in discussions and research into American history, jazz, and cultural differences will be challenged to watch, listen, and respond to specific issues that have arisen in America during the first 70 years of the twentieth century. A 'field trip' or two will be utilized to provide some first-hand insight into America's original art form of jazz. The class will look at specific issues that challenged African Americans, Hispanic Americans, and women during the development of jazz. It will be taught via a listen, think, and reflect format. No previous training in music or jazz required!



This class may fulfill the 3-credit Diversity requirement on the Honors Protocol.

Please note: Register for MUS 397H in the Honors Program Office (Powers 104) starting on Friday, March 22. You will be bumped into this class instead of registering for it on CentralLink.

Instructor: Dr. Robert Lindahl

Class meets: Tuesday and Thursday, 12:30-1:45

BIO 629: Topics in Eukaryotic Molecular Genetics

Course opportunity for advanced Honors students majoring in Biology, Biochemistry, Neuroscience, or similar majors.

BIO 629, a graduate course in molecular genetics, will be open to undergraduate students for the first time in **fall 2019**. This course explores approaches used in current genetics research, including medically-relevant methods such as CRISPR-Cas9 genome editing. Class time is spent discussing and presenting journal articles that exemplify these experimental approaches.

BIO 629 can count an elective for Biology/Biomedical science majors. For other majors, ask your advisor whether BIO 629 might fulfill a requirement.

Details about BIO 629:

Instructor: Dr. Xantha Karp

Meeting time: Tuesdays and Thursdays, 2:00-3:15, Biosciences 3014

Credits: 3

Honors Credits: Automatically granted with a grade of B- or better

Pre-requisites: The bulletin requirement is to be a graduate student. However, Dr. Karp will bump in undergraduate students in their junior or senior year with relevant majors, if students have completed the core courses in their major.

Email Dr. Karp at karp1x@cmich.edu to discuss being bumped into the class, or if you have any other questions.

**Fall 2019 University Program or
Competency Courses
(not including First Year classes)**

**University Program
Sub-Group or Competency
Categories**

Course

**Honors Courses that can be
applied to Teacher Education
Degree Requirements**

Elementary Education

HDF 100H
SPE 504H

Secondary Education

HDF 100H
SPE 504H

**Honors Courses that can be
applied to College of Business
Degree Requirements**

ACC 255H
BUS 100H
ECO 204H
BUS 301HS
MTH 132H

Group I-A	BCA 101H HON 201WI PHL 100HWI
Group I-B	HON 202WI TAI 170H
Group II-A	FNS 370
Group II-A: Satisfies Group II lab requirement	BIO 111H
Group II-B	MTH 132H
Group II-B: Satisfies Group II lab requirement	CHM 131H
Group III-A	HDF 100H
Group III-B	HON 206WI
Group IV-B	HON 207WI
Group IV-C	
Written English I Competency	ENG 101H
Oral English Speech Competency	COM 101H TAI 170H
Math Competency	MTH 132H

ATTENTION ALL HONORS STUDENTS

Q&A about Honors Contracts

Q: When are Honors Contracts Due?

A: Honors Contracts are to be submitted to the Honors Program Office **no later than 5:00 p.m. on the second Friday of the semester** in which the work is to be completed. This early deadline allows the student an opportunity to make alternate plans in a timely fashion (such as enrolling in an Honors course) should the Honors Contract be denied. **Students should plan to meet with the faculty member to outline the objectives of the Honors Contract during the semester prior to the semester in which the Honors Contract is desired.**

Q: If I apply for an Honors Contract, will it automatically be approved?

A: Honors Contracts are granted only when enrolling in regular Honors courses is not possible during the current or future semesters and the student needs an Honors course to remain in good standing in the Honors Program.

Priority Registration Policy

A student must earn at least 6 credits of Honors coursework (we recommend at least 9) during the 2019-2020 academic year in order to maintain priority registration for the following 2020-2021 academic year. To stay on track, Honors students should strive to take at least 3 Honors credits each semester between their freshman year and graduation.

Courses that can be counted toward this requirement are HON courses, H-designated courses and Honors Contracts.

Fall 2019 Honors Courses at a Glance

Courses/Credits	Section Number	Days, Times, Location	UP, Competency or Required Courses for Business or Teacher Education	Instructor
ACC 255H (3) Managerial Accounting & Decision Making	22374165	M W 2:00-3:15 Grawn 301	Business Requirement	Edward Woelfert
ASL 101H (3) American Sign Language, Level I	22371482	Tu Th 12:30-1:45 HP 2261	Satisfies 3 credits of Honors Protocol diversity requirement	Susan Naeve-Velguth
BCA 101H (3) History and Appreciation of the Cinema	22375703	M W 3:00-4:45 Moore 109	Group I-A	Kevin Corbett
BIO 111H (4) Foundations of Evolution and Diversity	22374960	Tu Th 9:30-10:45 Biosciences 1010 F 2:00-4:50 Brooks 169	Group II-A; Satisfies Group II Lab Requirement	Nancy Seefelt
BIO 211H (4) Foundations of Genetics	22375500	Tu Th 2:00-3:15 Biosciences 1015 M 2:00-4:50 Brooks 204		Jennifer Schisa
BIO 320H (4) Biology of Microorganisms	22380737	Tu Th 11:00-12:15 Brooks 201 W 1:00-3:50 Brooks 129		Gregory Colores
BIO 629 (3) Topics in Eukaryotic Molecular Genetics	22376813	Tu Th 2:00-3:15 Biosciences 3014		Xantha Karp
BUS 100H (3) Essential Business Skills <i>Freshmen Only</i>	22374004	M W 1:00-1:50 EHS 118 W 3:30-4:20 Grawn 102	Business Requirement	Jennifer Olsen
BUS 301HS (3) Integrated Business Experience	22374961	Tu Th 9:30-10:45 Grawn 115	Business Requirement	Stephen Tracy
CHM 131H (4) General Chemistry I	22373988	M Tu 10:00-10:50 Dow 171 Th 10:00-10:50 , Dow 135 F 1:00-1:50 , Dow 136 F 2:00-3:50 , Dow 153	Group II-B; Satisfies Group II Lab Requirement	Janice Tomasik
CHM 345H (3) Organic Chemistry I	22374052	M W F 10:00-10:50 Dow 136		Anja Mueller
COM 101H (3) Introduction to Communication	22373951	Tu Th 12:30-1:45 Moore 205	Oral English Competency Requirement	Wendy Papa
ECO 204H (3) Principles of Macro- and Global Economics	22373996	M W F 11:00-11:50 Moore 114	Business Requirement	Jason Taylor
ENG 101H (3) Freshman Composition	22372105	Tu Th 11:00-12:15 Anspach 156	Written English I Competency Requirement	Abby McGuire
FNS 370H (3) Nutrition		M W 3:30-5:20 Wightman 200	Group II-A	Leslie Hildebrandt

Courses/Credits	Section Number	Days, Times, Location	UP, Competency or Required	
			Courses for Business or Teacher Education	Instructor
HDF 100H (3) Lifespan Development	22372358	Tu Th 12:30-1:45 EHS 213	Group III-A Elementary Education Req. Secondary Education Req.	Pamela Sarigiani
HON 300 (3) Introduction to Honors- Track II	22374643	M 7:00-8:50 Anspach 157	This class is reserved for Fall 2019 incoming Track II Honors students only. <i>Credit cannot be earned in both HON 100 and HON 300</i>	
HON 315 (3) Honors Teaching Asst.	22375435	M 3:30-4:45 Ronan 341	HON 100 Teaching Assistants	Judy Idema
HON 315 (3) Honors Teaching Asst.	22375436	M 3:30-4:45 Ronan 340	HON 300 Teaching Assistants	Maureen Harke
HON 321JJ (3) Games and Knowledge Makers	22376855	Tu Th 12:30-1:45 Powers 136		Daria Kluver Jonathan Truitt
HON 321KK (3) Health and Medicine: Systematic Review	22376856	Tu Th 11:00-12:15 Moore 207		Shayesteh Jahanfar
HON 321MM (3) How to Lose a Billion Dollars in 10 Days	22376857	Tu Th 9:30-10:45 Grawn 203		Max Dolinsky
HON 399 (3) Independent Study	22372458	To be determined by student and instructor		Phame Camarena
HON 499 (3-6) Senior Project	22372459	To be determined by student and instructor		Phame Camarena
HON 499WI (3-6) Senior Project—Writing Intensive	22375449	To be determined by student and instructor		Phame Camarena
HSC 214H (4) Human Anatomy	22372508	M W F 8:00-9:50 HP 2311		William Saltarelli
HSC 308H (3) Physiology of Sport and Exercise	22374042	M W 1:00-2:15 HP 1257		Paul O'Connor
HSC 411H (3) Pathophysiology	22374693	M W 12:00-1:15 CMED 2407		Leslie Wallace
MTH 132H (4) Calculus I	22372897	M Tu W Th 9:00-9:50 Pearce 223	Group II-B Math Competency Req. Business Requirement	Thomas Gilsdorf
MUS 397H (3) Jazz & Discrimination		Tu Th 12:30-1:45 Music 217	May satisfy 3 credits of Honors Protocol diversity requirement	Robert Lindahl
PHL 100HWI (3) Introduction to Philosophy	22376445	M W 3:30-4:45 Anspach 257A	Group I-A	Joseph Anderson
PSY 379H (3) Health Psychology	22376435	M W 12:30-1:45 Rowe 226		Kimberly Prewett
PSY 387H (3) Behavioral Neuroscience	22375622	Tu Th 9:30-10:45 Rowe 205		Yannick Marchalant
SPE 504H (3) Teaching Students in Inclusive Settings	22374803	M 7-9:50 pm EHS 213	Elementary Education Req. Secondary Education Req.	Staff
TAI 170H (3) Oral Interpretation of Literature	22373837	M W F 11:00-11:50 Moore 215	Group I-B Oral English Competency	Stephen Harrick