

**Winter 2023 Actions of the Curricular Review Committee**  
Weinberg College of Arts and Sciences  
Northwestern University

1. Changes to majors and minors
2. Ad hoc majors
3. New courses
4. Administratively approved changes
5. Courses approved for post-Spring-2023 degree requirements

**1. Changes to majors and minors**

**Changes to the major in Mathematics**

**Highlights of approved changes:**

1. Students choose a concentration: General Mathematics or Pure Mathematics
2. For both concentrations, new guidelines regarding required upper-level course choices
3. Addition of a computing requirement

**Changes to the Data Science and the Statistics majors & minors**

**Highlights of approved changes:**

1. Requirements for majors/minors when paired with the Integrated Science major clarified.

**2. Ad hoc majors**

The CRC approved:

- one ad hoc major proposal in Computer Science & Mathematics.
- one ad hoc major proposal in Buddhist Studies.
- five ad hoc major proposals in Environmental Policy and Culture.

### 3. CRC-approved new courses

If a course was also approved for fulfilling a general WCAS degree requirement, the entry in the “FD/OVRL/AE” column indicates the area(s) for which it was approved.

- FD = Foundational Discipline
- OVRL = Perspectives on Power, Justice and Equity overlay
- AE = Advanced Expression

Dept/Pgm	#	Title	FD/OVRL/AE
GBL_HLTH	318-0	Community-based Participatory Research	FD-SBS/OVRL-US
GBL_HLTH & ENVR_POL	337-0	Hazard, Disaster and Society	FD-SBS/OVRL-GL
GBL_HLTH & ENVR_POL	338-0	Environmental Justice	FD-SBS/OVRL-GL
GBL_HLTH & ANTHRO	357-0	Biocultural Perspectives on Water Insecurity	FD-SBS
NEUROSCI	308-0	Genetics of Human Behavior	None

### 4. Administratively approved changes

The following course title and course number changes were approved by the Weinberg College administration without CRC review.

Dept/Pgm	Old #	New #	Updated title
CHEM	131-0	None	Fundamentals of Chemistry I
CHEM	132-0	None	Fundamentals of Chemistry II
CHEM	141-0	None	Fundamentals of Chemistry Laboratory I
CHEM	142-0	None	Fundamentals of Chemistry Laboratory II
CHEM	151-0	None	General Chemistry I
CHEM	152-0	None	General Chemistry II
CHEM	161-0	None	General Chemistry Laboratory I
CHEM	162-0	None	General Chemistry Laboratory II
CHEM	215-3	None	Organic Chemistry III
CHEM	212-1	217-1	Accelerated Organic Chemistry I
CHEM	212-2	217-2	Accelerated Organic Chemistry II
CHEM	212-3	217-3	Accelerated Organic Chemistry III
CHEM	232-1	237-1	Accelerated Organic Chemistry Laboratory I
CHEM	232-2	237-2	Accelerated Organic Chemistry Laboratory II
CHEM	235-3	None	Organic Chemistry Lab III

### **5. Courses approved for post-Spring-2023 requirements**

The following existing courses were approved by the CRC or the CPC for the degree requirements to be followed by students who matriculate after Spring 2023.

Abbreviations in table

- FD = Foundational Discipline
  - NS = Natural Sciences
  - EDR = Empirical and Deductive Reasoning
  - SBS = Social and Behavioral Sciences
  - HS = Historical Studies
  - EET = Ethical and Evaluative Thinking
  - LA = Literature and Arts
- OVRL = Perspectives on Power, Justice and Equity
  - US = US Perspectives on Power, Justice and Equity
  - G = Global Perspectives on Power, Justice and Equity
- AE = Advanced Expression (the second part of the Written and Oral Expression requirement)

*See next 6 pages.*

Dept/Pgm	Catalog #	Course title	FD	OVRL	AE
AF_AM_ST	210-0	Survey of African American Literature	FD-LA	OVRL-US	
AF_AM_ST	211-0	Literatures of the Black World	FD-LA		
AF_AM_ST	212-2	Introduction to African American History: Emancipation to Civil Rights Movement	FD-HS	OVRL-US	
AF_AM_ST	214-0	Comparative Race and Ethnic Studies	FD-SBS	OVRL-US	
AF_AM_ST	215-0	Introduction to Black Social & Political Life	FD-SBS	OVRL-US	
AF_AM_ST	220-0	Civil Rights and Black Liberation	FD-HS	OVRL-US	
AF_AM_ST	320-0	Social Meaning of Race	FD-SBS	OVRL-US	
AF_AM_ST	360-0	Major Authors	FD-HS		
AF_AM_ST	365-0	Black Chicago	FD-SBS	OVRL-US	
ANTHRO	211-0	Culture & Society	FD-SBS		
ANTHRO	214-0	Archaeology: Unearthing History	FD-SBS		
ANTHRO	215-0	The Study of Culture through Language	FD-SBS	OVRL-G	
ANTHRO	309-0	Human Osteology	FD-NS		
ANTHRO	316-0	Forensic Anthropology	FD-NS		
ANTHRO	322-0	Introduction to Archaeology Research Design & Methods	FD-SBS		AE
ANTHRO	326-0	Archaeologies of Sustainability and Collapse		OVRL-G	
ANTHRO	327-0	Historical Archaeology	FD-HS		
ANTHRO	370-0	Anthropology in Historical Perspective	FD-HS		
ANTHRO	382-0	Political Ecology	FD-SBS		
ANTHRO	383-0	Environmental Anthropology	FD-SBS		
ANTHRO	386-0	Methods in Human Biology Research	FD-NS		AE
ANTHRO	389-0	Ethnographic Methods and Analysis	FD-SBS		AE
ANTHRO	398-0	Senior Seminar			AE
ART	272-0	Critical Methods for Contemporary Art	FD-LA		
ART	360-0	Senior Critique			AE
ART	372-0	Seminar	FD-LA		AE
ASIAN_LC	221-0	Introduction to Premodern Japanese Literature and Culture	FD-LA		
ASIAN_LC	222-0	Introduction to Modern Japanese Literature and Culture	FD-LA		
ASIAN_LC	223-0	Introduction to Contemporary Japanese Literature and Culture	FD-LA		
ASIAN_LC	224-0	Introduction to Japanese Film, Media, and Visual Culture	FD-LA		
ASIAN_LC	261-0	South Asian Popular Cultures	FD-LA		
ASIAN_LC	265-0	South Asian Cinemas	FD-LA		
ASIAN_LC	321-0	Advanced Topics in Premodern Japanese Literature and Culture	FD-LA		
ASIAN_LC	322-0	Advanced Topics in Modern and Contemporary Japanese Literature and Culture	FD-LA		
ASIAN_LC	340-0	Culture	FD-LA		
ASIAN_LC	370-0	Literary Cultures in South Asia	FD-LA		AE
ASTRON	101-0	Modern Cosmology	FD-NS		

ASTRON	102-0	Milky Way Galaxy	FD-NS		
ASTRON	103-0	Solar System	FD-NS		
ASTRON	111-0	Introduction to Astrobiology	FD-NS		
ASTRON	120-0	Highlights of Astronomy	FD-NS		
BIOL_SCI	150-0	Human Genetics	FD-NS		
BIOL_SCI	337-0	Biostatistics	FD-EDR		
BIOL_SCI	338-0	Modeling Biological Dynamics	FD-EDR		
BIOL_SCI	377-0	The Human Microbiome			AE
BIOL_SCI	393-0	Human Genomics			AE
BIOL_SCI	397-0	Senior Thesis Colloquium			AE
CHEM	131-0	General Chemistry 1	FD-NS		
CHEM	132-0	General Chemistry 2	FD-NS		
CHEM	151-0	Accelerated General Chemistry 1	FD-NS		
CHEM	152-0	Accelerated General Chemistry 2	FD-NS		
CHEM	171-0	Advanced General Inorganic Chemistry	FD-NS		
CHEM	172-0	Advanced General Physical Chemistry	FD-NS		
CHEM	215-1	Organic Chemistry I	FD-NS		
CHEM	215-2	Organic Chemistry II	FD-NS		
CHEM	217-1	Accelerated Organic Chemistry I	FD-NS		
CHEM	217-2	Accelerated Organic Chemistry II	FD-NS		
COG_SCI	110-0	Introduction to Cognitive Science	FD-SBS		
COG_SCI	202-0	Evaluating Evidence	FD-EDR		
COG_SCI	210-0	Language and the Brain	FD-NS		
COMP_LIT	200-0	Introduction to Literary Theory	FD-LA		
COMP_LIT	207-0	Introduction to Critical Theory	FD-EET	OVRL-G	
COMP_SCI	110-0	Introduction to Computer Programming	FD-EDR		
COMP_SCI	111-0	Fundamentals of Computer Programming	FD-EDR		
COMP_SCI	150-0	Fundamentals of Computer Programming 1.5	FD-EDR		
ECON	201-0	Introduction to Macroeconomics	FD-SBS		
ECON	202-0	Introduction to Microeconomics	FD-SBS		
ECON	310-1	Microeconomics	FD-SBS		
ECON	311-0	Macroeconomics	FD-SBS		
ECON	398-1	Senior Seminar			AE
ECON	398-2	Senior Seminar			AE
ENGLISH	280-0	Introduction to Postcolonial Literature	FD-LA	OVRL-G	
ENGLISH	305-0	Advanced Composition			AE
ENVR_POL	383-0	Environmental Anthropology	FD-SBS		
ENVR_POL	384-0	Political Ecology	FD-SBS		
ENVR_POL	385-0	Archaeologies of Sustainability and Collapse		OVRL-G	
GBL_HLTH	222-0	The Social Determinants of Health	FD-SBS		
GBL_HLTH	302-0	Global Bioethics	FD-EET	OVRL-G	
GBL_HLTH	306-0	Biomedicine and Culture	FD-SBS	OVRL-G	
GBL_HLTH	321-0	War and Public Health	FD-SBS	OVRL-G	
GBL_HLTH	323-0	Global Health from Policy to Practice	FD-SBS	OVRL-G	
GBL_HLTH	324-0	Volunteerism and the Ethics of Help	FD-EET	OVRL-G	

GREEK	301-0	Readings in Greek Literature	FD-LA		AE
HIND_URD	320-0	Topics in Hindi-Urdu Literature	FD-LA		AE
HISTORY	200-0	New Introductory Courses in History	FD-HS		
HISTORY	201-2	Europe in the Modern World	FD-HS	OVRL-G	
HISTORY	212-2	Introduction to African American History: Emancipation to Civil Rights Movement	FD-HS	OVRL-US	
HISTORY	250-2	Global History: The Modern World	FD-HS	OVRL-G	
HISTORY	292-0	Introduction to Topics in History	FD-HS		
HISTORY	300-0	New Lectures in History	FD-HS		
HUM	220-0	Health, Biomedicine, Culture, and Society	FD-SBS	OVRL-US	
ISEN	230-0	Climate Change and Sustainability: Ethical Dimensions	FD-EET	OVRL-G	
LATIN	310-0	Readings in Latin Literature	FD-LA		AE
LATINO	393-0	Topics in Latina and Latino Text and Representation	FD-LA		
LEGAL_ST	206-0	Law and Society	FD-SBS	OVRL-US	
LEGAL_ST	207-0	Legal Studies Research Methods	FD-SBS		AE
LEGAL_ST	309-0	Political Theories of the Rule of Law	FD-EET		
LEGAL_ST	332-0	Constitutional Law I	FD-SBS		
LEGAL_ST	333-0	Constitutional Law II: Civil and Political Rights	FD-SBS	OVRL-US	
LEGAL_ST	356-0	Constitutional Challenges in Comparative Perspective	FD-SBS	OVRL-G	
LING	220-0	Language and Society	FD-SBS	OVRL-US	
LING	250-0	Sound Patterns in Human Language	FD-NS		
LING	312-0	Experimental Sociolinguistics	FD-SBS	OVRL-US	
LING	315-0	Experimental Approaches to Word Form Processing	FD-SBS		AE
LING	320-0	Sociolinguistics	FD-SBS	OVRL-US	AE
LING	330-0	Research Methods in Linguistics	FD-EDR		
LING	350-0	Fundamentals of Laboratory Phonology	FD-NS		
MATH	218-1	Single-Variable Calculus with Precalculus	FD-EDR		
MATH	218-2	Single-Variable Calculus with Precalculus	FD-EDR		
MATH	218-3	Single-Variable Calculus with Precalculus	FD-EDR		
MATH	220-1	Single-Variable Differential Calculus	FD-EDR		
MATH	220-2	Single-Variable Integral Calculus	FD-EDR		
MATH	226-0	Sequences and Series	FD-EDR		
MATH	228-1	Engineering	FD-EDR		
MATH	228-2	Multivariable Integral Calculus for Engineering	FD-EDR		
MATH	230-1	Multivariable Differential Calculus	FD-EDR		
MATH	230-2	Multivariable Integral Calculus	FD-EDR		
MATH	281-1	Accelerated Mathematics for ISP: First Year	FD-EDR		
MATH	281-2	Accelerated Mathematics for ISP: First Year	FD-EDR		
MATH	281-3	Accelerated Mathematics for ISP: First Year	FD-EDR		
MATH	285-1	Accelerated Mathematics for MMSS: First Year	FD-EDR		
MATH	285-2	Accelerated Mathematics for MMSS: First Year	FD-EDR		

MATH	285-3	Accelerated Mathematics for MMSS: First Year	FD-EDR		
MATH	290-1	Calculus	FD-EDR		
MATH	290-2	Calculus	FD-EDR		
MATH	290-3	Calculus	FD-EDR		
MATH	291-1	MENU: Intensive Linear Algebra and Multivariable Calculus	FD-EDR		
MATH	291-2	MENU: Intensive Linear Algebra and Multivariable Calculus	FD-EDR		
MATH	291-3	MENU: Intensive Linear Algebra and Multivariable Calculus	FD-EDR		
MMSS	398-1	Senior Seminar			AE
MMSS	398-2	Senior Seminar			AE
MMSS	398-3	Senior Seminar			AE
PHIL	150-0	Elementary Logic I	FD-EDR		
PHIL	216-0	Introduction to Pragmatism	FD-EET		
PHIL	219-0	Introduction to Existentialism	FD-EET		
PHIL	220-0	Introduction to Critical Theory	FD-EET	OVRL-G	
PHIL	222-0	Introduction to Africana Philosophy	FD-EET	OVRL-G	
PHIL	224-0	Philosophy, Race, and Racism	FD-EET	OVRL-US	
PHIL	240-0	Freedom and Responsibility	FD-EET		
PHIL	250-0	Elementary Logic II	FD-EDR		
PHIL	254-0	Sciences	FD-EET		
PHIL	255-0	Theory of Knowledge	FD-EET		
PHIL	262-0	Ethical Problems and Public Issues	FD-EET	OVRL-US	
PHIL	266-0	Philosophy of Religion	FD-EET		
PHIL	268-0	Ethics and the Environment	FD-EET		
PHIL	269-0	Bioethics	FD-EET		
PHIL	270-0	Climate Change and Sustainability: Economic and Ethical Dimensions	FD-EET	OVRL-G	
PHIL	273-1	The Brady Scholars Program: The Good Life	FD-EET		
PHIL	273-3	The Brady Scholars Program: The Good Society	FD-EET		
PHIL	280-0	Introduction to the Philosophy of Art	FD-LA		
PHYSICS	103-0	Ideas of Physics	FD-NS		
PHYSICS	125-1	General Physics ISP	FD-NS		
PHYSICS	125-2	General Physics for ISP	FD-NS		
PHYSICS	125-3	General Physics for ISP	FD-NS		
PHYSICS	130-1	College Physics	FD-NS		
PHYSICS	130-2	College Physics	FD-NS		
PHYSICS	130-3	College Physics	FD-NS		
PHYSICS	135-1	General Physics	FD-NS		
PHYSICS	135-2	General Physics	FD-NS		
PHYSICS	135-3	General Physics	FD-NS		
PHYSICS	140-1	Fundamentals of Physics	FD-NS		
PHYSICS	140-2	Fundamentals of Physics	FD-NS		
PHYSICS	140-3	Fundamentals of Physics	FD-NS		

PHYSICS	239-0	Foundations of Modern Physics	FD-NS		
PHYSICS	360-0	Advanced Physics Laboratory			AE
POLI_SCI	210-0	Introduction to Empirical Methods in Political Science	FD-EDR		
POLI_SCI	211-0	Introduction to Interpretive Methods in Political Science	FD-SBS		
POLI_SCI	212-0	Evaluating Evidence	FD-EDR		
POLI_SCI	220-0	American Government and Politics	FD-SBS	OVRL-US	
POLI_SCI	230-0	Introduction to Law in the Political Arena	FD-SBS	OVRL-US	
POLI_SCI	240-0	Introduction to International Relations	FD-SBS	OVRL-G	
POLI_SCI	250-0	Introduction to Comparative Politics	FD-SBS	OVRL-G	
POLI_SCI	304-0	Human Rights Between East and West	FD-EET	OVRL-G	
POLI_SCI	309-0	Political Theories of the Rule of Law	FD-EET		
POLI_SCI	312-0	Statistical Research Methods	FD-EDR		
POLI_SCI	320-0	The American Presidency	FD-SBS		
POLI_SCI	324-0	Political Parties and Elections	FD-SBS		
POLI_SCI	325-0	Congress and the Legislative Process	FD-SBS		
POLI_SCI	328-0	Public Policy	FD-SBS		
POLI_SCI	332-0	Constitutional Law I	FD-SBS		
POLI_SCI	333-0	Constitutional Law II: Civil and Political Rights	FD-SBS	OVRL-US	
POLI_SCI	335-0	Political Psychology	FD-SBS		
POLI_SCI	336-0	Immigration Politics and Policy	FD-SBS	OVRL-US	
POLI_SCI	341-0	International Political Economy	FD-SBS	OVRL-G	
POLI_SCI	343-0	Politics of International Law	FD-SBS	OVRL-G	
POLI_SCI	344-0	U.S. Foreign Policy	FD-SBS		
POLI_SCI	345-0	National Security	FD-SBS		
POLI_SCI	347-0	Ethics in International Relations	FD-EET	OVRL-G	
POLI_SCI	350-0	Social Movements	FD-SBS	OVRL-G	
POLI_SCI	352-0	Global Development	FD-SBS	OVRL-G	
POLI_SCI	354-0	Politics of Southeast Asia	FD-SBS	OVRL-G	
POLI_SCI	356-0	Constitutional Challenges in Comparative Perspective	FD-SBS	OVRL-G	
POLI_SCI	384-0	International Responses to Mass Atrocities	FD-SBS	OVRL-G	
POLI_SCI	388-0	Institutions and Society	FD-SBS		
PSYCH	110-0	Introduction to Psychology	FD-SBS		
PSYCH	201-0	Statistical Methods in Psychology	FD-EDR		
PSYCH	205-0	Research Methods in Psychology	FD-EDR		AE
PSYCH	213-0	Social Psychology	FD-SBS		
PSYCH	221-0	Introduction to Neuroscience	FD-SBS & FD-NS		
PSYCH	244-0	Developmental Psychology	FD-SBS		
PSYCH	303-0	Psychopathology	FD-SBS		
PSYCH	313-0	Relationship Science	FD-SBS		
PSYCH	317-0	The Holocaust: Psychological Themes & Perspectives	FD-SBS	OVRL-G	
PSYCH	324-0	Perception	FD-NS		



PSYCH	328-0	Brain Damage and the Mind	FD-SBS & FD-NS		
PSYCH	333-0	Psychology of Thinking	FD-EDR & FD-SBS		
RELIGION	301-0	Hindu Epics: Mahābhārata	FD-LA		AE
RUSSIAN	302-1	Advanced Russian in Conversations (Prior to 2019 taught as SLAVIC 302-1)			AE
RUSSIAN	302-2	Advanced Russian in Conversations (Prior to 2019 taught as SLAVIC 302-2)			AE
RUSSIAN	302-3	Advanced Russian in Conversations (Prior to 2019 taught as SLAVIC 302-3)			AE
SLAVIC	210-2	Introduction to Russian Literature	FD-LA		
SLAVIC	310-0	Tolstoy	FD-LA		
SOCIOL	202-0	Social Problems	FD-SBS		
SOCIOL	206-0	Law and Society	FD-SBS	OVRL-US	
SOCIOL	207-0	Cities in Society	FD-SBS		
SOCIOL	210-0	Families and Societies	FD-SBS	OVRL-US	
SOCIOL	216-0	Gender and Society	FD-SBS	OVRL-US	
SOCIOL	218-0	Education and Inequality: Focus on Chicago	FD-SBS	OVRL-US	
SOCIOL	220-0	Health, Biomedicine, Culture, and Society	FD-SBS	OVRL-US	
SOCIOL	227-0	Legal Studies Research Methods	FD-SBS		AE
SOCIOL	235-0	Critical Thought on Race and Ethnicity	FD-SBS	OVRL-US	
SOCIOL	288-0	Institutions and Society	FD-SBS		
SOCIOL	302-0	Sociology of Organizations	FD-SBS		
SOCIOL	305-0	Population Dynamics	FD-SBS	OVRL-G	
SOCIOL	307-0	School and Society	FD-SBS	OVRL-US	
SOCIOL	310-0	Sociology of the Family	FD-SBS	OVRL-US	
SOCIOL	317-0	Global Development	FD-SBS	OVRL-G	
SOCIOL	327-0	Youth and Society	FD-SBS	OVRL-US	
SPANISH	250-0	Literature in Spain before 1700	FD-LA		AE
SPANISH	251-0	Literature in Spain since 1700	FD-LA		AE
SPANISH	260-0	Literature in Latin America before 1888	FD-LA		AE
SPANISH	261-0	Literature in Latin America since 1888	FD-LA		AE
STAT	202-0	Introduction to Statistics and Data Science	FD-EDR		
STAT	210-0	Introductory Statistics for the Social Sciences	FD-EDR		
TRANS	310-0	Seminar in Transportation and Logistics			AE