## Weinberg College of Arts and Sciences Northwestern University

## Approved Distribution Courses - 2020-2021 Area II - Formal Studies updated 7/21/20

## Be sure to read these important notes:

**Prerequisites.** Many approved distribution courses are advanced courses with one or more prerequisites. Prerequisites are listed in the Undergraduate Catalog and in course descriptions available through the Registrar's webpage. Make sure you have the prerequisites for a course before you decide to enroll.

Interdisciplinary courses. Some interdisciplinary courses are approved for inclusion in more than one distribution area. *These courses are listed in bold and italics below*, and all relevant areas are indicated in the "area(s)" column. If you take such a course, you can choose in which eligible area to count it.

When courses are offered. This list includes all courses approved for distribution credit for the indicated academic year. The Registrar's Office maintains lists of distribution courses to be offered each quarter, as well as Yearly Course Planners showing each department's planned course offerings for the year. Some approved courses may not be offered.

## Lists of approved courses from other years:

www.weinberg.northwestern.edu/undergraduate/degree/distribution-requirements/approved-courses.html

Registrar's Website: www.registrar.northwestern.edu

dept/pgm	number	course title	area(s)
ANTHRO	362	Advanced Methods in Quantitatitve Analysis	II
COG SCI	207	Introduction to Cognitive Modeling	II
COMP_SCI	110	Introduction to Computer Programming	II
COMP_SCI	111	Fundamentals of Computer Programming	II
COMP_SCI	150	Fundamentals of Computer Programming 1.5	П
CSD	304	Statistics in Communication Sciences and Disorders	П
EARTH	361	Scientific Programming in Python (formerly EARTH 322)	П
EARTH	362	Data Analysis for Earth & Planetary Sciences (formerly EARTH 326)	П
GEN LA	280-2	Residence-Linked Seminar - II	П
GEN MUS	252	Harmony	П
GEN MUS	253	Form and Analysis	Ш
LING	260	Formal Analysis of Words & Sentences	П
LING	270	Meaning	П
LING	334	Introduction to Computational Linguistics	II
LING	336	Words, Networks, and the Internet	II
LING	341	Language Typology	II

LING 360 Fundamentals of Syntax   II  LING 361 Morphology   III  LING 370 Fundamentals of Syntax   III  LING 371 Reference   Quantitative Reasoning (distribution requirement credit applies only to MATH 100-0 and not to the ungraded summer course, MATH 100-BR)   III  MATH 110 Introduction to Mathematics   III  MATH 202 Finite Mathematics   III  MATH 211 Short Course in Calculus   III  MATH 212 Single-Variable Calculus with Precalculus   III  MATH 213-3 Single-Variable Calculus with Precalculus   III  MATH 214-2 Single-Variable Calculus with Precalculus   III  MATH 215-3 Single-Variable Calculus with Precalculus   III  MATH 220-1 Single-Variable Calculus with Precalculus   III  MATH 220-1 Single-Variable Differential Calculus   III  MATH 220-2 Single-Variable Differential Calculus   III  MATH 220-3 Sequences and Series   III  MATH 220-4 Sequences and Series   III  MATH 228-1 Multivariable Integral Calculus for Engineering   III  MATH 228-2 Multivariable Integral Calculus for Engineering   III  MATH 228-1 Multivariable Integral Calculus for Engineering   III  MATH 228-2 Multivariable Integral Calculus for En				
LING 361 Morphology   II LING 370 Fundamentals of Meaning   II LING 371 Reference   II LING 371 Reference   II MATH 100 Quantitative Reasoning (distribution requirement credit applies only to MATH 100-0 and not to the ungraded summer course, MATH 100-BR)   II MATH 110 Introduction to Mathematics   III MATH 202 Finite Mathematics   III MATH 211 Short Course in Calculus   III MATH 2128-1 Single-Variable Calculus with Precalculus   III MATH 218-2 Single-Variable Calculus with Precalculus   III MATH 218-3 Single-Variable Calculus with Precalculus   III MATH 218-3 Single-Variable Differential Calculus   III MATH 220-1 Single-Variable Differential Calculus   III MATH 220-2 Single-Variable Differential Calculus   III MATH 220-2 Single-Variable Differential Calculus   III MATH 220-3 Sequences and Series   III MATH 228-1 Multivariable Differential Calculus for Engineering   III MATH 228-1 Multivariable Differential Calculus for Engineering   III MATH 228-1 Multivariable Differential Calculus for Engineering   III MATH 327 Mechanics for Mathematicians   I,II MATH 327 Mechanics for Mathematicians   III MATH 327 Mechanics for Mathematicians   III MATH 328 Mechanics for Interprat Calculus for Engineering   III MATH 329 Mechanics for Interprat Calculus for Engineering   III MATH 321 Mechanics for Mathematicians   III MATH 322 Mechanics for Mathematicians   III MATH 323 Mechanics for Mathematicians   III MATH 324 Mechanics for Mathematicians   III MATH 325 Mechanics for Interprat Calculus for Engineering   III MATH 326 Mechanics for Introduction to Programming for Big Data (0.67 units) - see note below   Project for Introduction to Programming for Big Data (0.67 units) - see note below   Project for Introduction to Programming for Big Data (0.67 units) - see note below   III   I	LING	342	Structure of Various Languages	II
LING 370 Fundamentals of Meaning   II LING 371 Reference   II LING 371 Reference   II MATH	LING	360	Fundamentals of Syntax	П
LING 371 Reference   II  MATH 100   Quantitative Reasoning (distribution requirement credit applies only to MATH 100-0 and not to the ungraded summer course, MATH 100-BR)   II  MATH 110 Introduction to Mathematics   II  MATH 202 Finite Mathematics   II  MATH 211 Short Course in Calculus   II  MATH 218-1 Single-Variable Calculus with Precalculus   II  MATH 218-2 Single-Variable Calculus with Precalculus   II  MATH 218-3 Single-Variable Calculus with Precalculus   II  MATH 218-3 Single-Variable Calculus with Precalculus   II  MATH 218-3 Single-Variable Differential Calculus   II  MATH 220-1 Single-Variable Differential Calculus   III  MATH 220-2 Single-Variable Integral Calculus   III  MATH 220-3 Sequences and Series   III  MATH 228-1 Multivariable Differential Calculus for Engineering   III  MATH 228-2 Multivariable Integral Calculus for Engineering   III  MATH 327 Mechanics for Mathematicians   III  MATH 327 Mechanics for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards formal Studies   III  MATH 327 Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards formal Studies   III  PHIL 150 Elementary Logic I   III  PHIL 250 Elementary Logic I   III  PHYSICS 311-1 Mathematical Tools for the Physical Sciences - I   III  PHYSICS 311-1 Mathematical Tools for the Physical Sciences - I   III  PHYSICS 311-1 Logics of Political Inference   III  POLI SCI 310 Methods of Political Inference   III  POLI SCI 311 Logics of Political Inference   III  POLI SCI 312 Statistical Research Methods   III  PSYCH 380 Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)  SCOICOL 303 Analysis and Interpretation of Social Data   III  SCOICOL 303 Analysis and Interpretation of Social Data	LING	361	Morphology	II
MATH 100 Quantitative Reasoning (distribution requirement credit applies only to MATH 100-0 and not to the ungraded summer course, MATH 100-BR)  MATH 110 Introduction to Mathematics III  MATH 202 Finite Mathematics III  MATH 211 Short Course in Calculus  MATH 218-1 Single-Variable Calculus with Precalculus  MATH 218-2 Single-Variable Calculus with Precalculus  MATH 218-3 Single-Variable Calculus with Precalculus  MATH 220-1 Single-Variable Calculus with Precalculus  MATH 220-1 Single-Variable Integral Calculus  MATH 220-2 Single-Variable Integral Calculus  MATH 220-2 Single-Variable Integral Calculus  MATH 220-3 Sequences and Series  MATH 228-1 Multivariable Differential Calculus for Engineering  MATH 228-1 Multivariable Differential Calculus for Engineering  MATH 228-2 Multivariable Differential Calculus for Engineering  MATH 228-1 Multivariable Differential Calculus for Engineering  MATH 228-1 Multivariable Integral Calculus for Engineering  MATH 228-1 Multivariable Differential Calculus for Engineering  III  MATH 228-1 Multivariable Differential Calculus for Engineering  III  MATH 228-1 Multivariable Integral Calculus for Engineering  III  MATH 228-1 Mechanics for Mathematicians  Completing any one course offered by the Department of Mathematics numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.  POLISCI SID Introduction to Programming for Big Data (0.67 units) – see note below  Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards formal Studies  PHIL 151 Scientific Reasoning  III  PHIL 250 Elementary Logic I II  PHYSICS 311-1 Mathematical Tools for the Physical Sciences - II  PHYSICS 311-1 Mathematical Tools for the Physical Sciences - II  POLI SCI 310 Methods of Political Inference  III  POLI SCI 311 Logics of Political Inference  III  POLI SCI 312 Statistical Research Methods  PSYCH 351  Statistical Research Methods  III  SCIANIC 341 Str	LING	370	Fundamentals of Meaning	П
MATH 100 MATH 100-0 and not to the ungraded summer course, MATH 100-BR)  MATH 110 Introduction to Mathematics II  MATH 202 Finite Mathematics II  MATH 211 Short Course in Calculus  MATH 218-1 Single-Variable Calculus with Precalculus  MATH 218-2 Single-Variable Calculus with Precalculus  MATH 218-3 Single-Variable Calculus with Precalculus  MATH 218-3 Single-Variable Differential Calculus  MATH 220-1 Single-Variable Differential Calculus  MATH 220-2 Single-Variable Integral Calculus  MATH 220-2 Single-Variable Integral Calculus  MATH 226-0 Sequences and Series  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-2 Multivariable Integral Calculus for Engineering  II  MATH 228-2 Multivariable Integral Calculus for Engineering  II  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-2 Multivariable Differential Calculus for Engineering  II  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-2 Multivariable Differential Calculus for Engineering  II  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-2 Multivariable Integral Calculus for Engineering  II  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-2 Multivariable Differential Calculus for Engineering  II  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-2 Multivariable Differential Calculus for Engineering  II  MATH 228-1 Multivariable Differential Calculus for Engineering  II  MATH 228-2 Multivariable Differential Calculus for Engineering  II  II  PHIL 151 Scientific Reasoning for Big Data (0.67 units) – see note below  Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards formal Studies  PHIL 151 Scientific Reasoning  II  PHYSICS 311-1 Mathematical Tools for the Physical Sciences – I  PHYSICS 311-1 Mathematical Tools for the Physical Sciences – I  II  PH	LING	371	Reference	II
MATH 202 Finite Mathematics II  MATH 211 Short Course in Calculus  MATH 218-1 Single-Variable Calculus with Precalculus  MATH 218-2 Single-Variable Calculus with Precalculus  MATH 218-3 Single-Variable Calculus with Precalculus  MATH 218-3 Single-Variable Calculus with Precalculus  MATH 220-1 Single-Variable Differential Calculus  MATH 220-2 Single-Variable Differential Calculus  MATH 220-2 Single-Variable Integral Calculus  MATH 228-1 Multivariable Integral Calculus  MATH 228-1 Multivariable Differential Calculus for Engineering  MATH 228-2 Multivariable Integral Calculus for Engineering  MATH 327 Mechanics for Mathematicians  U.II  MATH 327 Mechanics for Mathematicians  U.II  MATH 328 Mechanics for Introduction (Area III) distribution requirement.  Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies  PHIL 150 Elementary Logic I  PHIL 250 Elementary Logic II  PHYSICS 311-1 Mathematical Tools for the Physical Sciences - I  PHIL 250 Elementary Logic II  II  PHYSICS 311-2 Mathematical Tools for the Physical Sciences - I  II  PHYSICS 311-2 Mathematical Tools for the Physical Sciences - II  PHYSICS 311-1 Logics of Political Inference  POLI SCI 310 Methods of Political Inference  POLI SCI 311 Logics of Political Inference  POLI SCI 312 Statistical Research Methods  PSYCH 351)  SLAVIC 341 Structure of Modern Russian  SPANISH 281 Spanish Phonetics and Phonology  II  STAT 202 Introduction to Statistics  III  III  III  III  III  III  III	MATH	100	, , , , , , , , , , , , , , , , , , , ,	П
MATH 211 Short Course in Calculus II MATH 218-1 Single-Variable Calculus with Precalculus II MATH 218-2 Single-Variable Calculus with Precalculus II MATH 218-3 Single-Variable Calculus with Precalculus II MATH 218-3 Single-Variable Differential Calculus III MATH 220-1 Single-Variable Differential Calculus III MATH 220-1 Single-Variable Differential Calculus III MATH 220-2 Single-Variable Differential Calculus III MATH 226-0 Sequences and Series III MATH 228-1 Multivariable Differential Calculus for Engineering III MATH 228-1 Multivariable Differential Calculus for Engineering III MATH 228-1 Multivariable Differential Calculus for Engineering III MATH 327 Mechanics for Mathematicians IIII MATH 327 Mechanics for Mathematicians IIII MATH 228-1 Multivariable Properties IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	MATH	110	Introduction to Mathematics	П
MATH 218-1 Single-Variable Calculus with Precalculus   II   MATH 218-2 Single-Variable Calculus with Precalculus   II   MATH 218-3 Single-Variable Calculus with Precalculus   II   MATH 220-1 Single-Variable Calculus with Precalculus   II   MATH 220-2 Single-Variable Integral Calculus   II   MATH 220-2 Single-Variable Integral Calculus   II   MATH 220-3 Sequences and Series   II   MATH 228-0 Sequences and Series   II   MATH 228-1 Multivariable Differential Calculus for Engineering   II   MATH 228-2 Multivariable Integral Calculus for Engineering   II   MATH 327 Mechanics for Mathematicians   I, II   MATH 327 Mechanics for Mathematicians   II   MATH	MATH	202	Finite Mathematics	П
MATH 218-2 Single-Variable Calculus with Precalculus   II   MATH 218-3 Single-Variable Calculus with Precalculus   II   MATH 220-1 Single-Variable Differential Calculus   II   MATH 220-2 Single-Variable Differential Calculus   II   MATH 220-2 Single-Variable Differential Calculus   II   MATH 220-3 Sequences and Series   II   MATH 228-1 Multivariable Differential Calculus for Engineering   II   MATH 228-2 Multivariable Integral Calculus for Engineering   II   MATH 327 Mechanics for Mathematicians   I,II   MATH 327 Mechanics for Mathematicians   II   MATH 327 Mechanics for Mathematicians   II   MATH	MATH	211	Short Course in Calculus	II
MATH 218-2 Single-Variable Calculus with Precalculus	MATH	218-1	Single-Variable Calculus with Precalculus	П
MATH 220-1 Single-Variable Differential Calculus II  MATH 220-2 Single-Variable Integral Calculus III  MATH 226-0 Sequences and Series III  MATH 228-1 Multivariable Differential Calculus for Engineering III  MATH 228-2 Multivariable Integral Calculus for Engineering III  MATH 327 Mechanics for Mathematicians III  MATH 327 Mechanics for Mathematicians Completing any one course offered by the Department of Mathematics numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.  MICO Project for Introduction to Programming for Big Data (0.67 units) – see note below Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies  PHIL 150 Elementary Logic I II  PHIL 250 Elementary Logic II III  PHYSICS 311-1 Mathematical Tools for the Physical Sciences -I III  PHYSICS 311-2 Mathematical Tools for the Physical Sciences -I III  PHYSICS 311-2 Introduction to Empirical Methods in Political Science III  POLI SCI 310 Methods of Political Inference III  POLI SCI 311 Logics of Political Inference III  POLI SCI 312 Statistical Research Methods  PSYCH 201 Statistical Methods in Psychology III  STAT 202 Introduction to Statistics  Spanish Phonetics and Phonology III  STAT 202 Introduction to Statistics  III	MATH	218-2		II
MATH       220-2       Single-Variable Integral Calculus       II         MATH       226-0       Sequences and Series       II         MATH       228-1       Multivariable Differential Calculus for Engineering       II         MATH       228-2       Multivariable Integral Calculus for Engineering       II         MATH       327       Mechanics for Mathematicians       I,II         MATH       Completing any one course offered by the Department of Mathematics numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.       II         NICO       101       Introduction to Programming for Big Data (0.67 units) – see note below       II         NICO       Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies       III         PHIL       150       Elementary Logic I       II         PHIL       151       Scientific Reasoning       II         PHIL       250       Elementary Logic II       II         PHYSICS       311-1       Mathematical Tools for the Physical Sciences - I       II         PHYSICS       311-2       Mathematical Tools for the Physical Sciences - II       II         POLI SCI       310       Methods of Political Inference	MATH	218-3	Single-Variable Calculus with Precalculus	П
MATH       220-2       Single-Variable Integral Calculus       II         MATH       226-0       Sequences and Series       II         MATH       228-1       Multivariable Differential Calculus for Engineering       II         MATH       228-2       Multivariable Integral Calculus for Engineering       II         MATH       327       Mechanics for Mathematicians       I,II         MATH       Completing any one course offered by the Department of Mathematics numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.       II         NICO       101       Introduction to Programming for Big Data (0.67 units) – see note below       II         NICO       Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies       III         PHIL       150       Elementary Logic I       II         PHIL       151       Scientific Reasoning       II         PHIL       250       Elementary Logic II       II         PHYSICS       311-1       Mathematical Tools for the Physical Sciences - I       II         PHYSICS       311-2       Mathematical Tools for the Physical Sciences - II       II         POLI SCI       310       Methods of Political Inference	MATH	220-1	-	II
MATH 226-0 Sequences and Series II  MATH 228-1 Multivariable Differential Calculus for Engineering III  MATH 228-2 Multivariable Integral Calculus for Engineering III  MATH 327 Mechanics for Mathematicians III  MATH S27 Mechanics for Mathematicians III  MATH S27 Mechanics for Mathematicians III  MATH Weinberg College Formal Studies (Area III) distribution requirement.  III Introduction to Programming for Big Data (0.67 units) — see note below Weinberg College Formal Studies (Area III) distribution requirement.  Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies  PHIL 150 Elementary Logic I III  PHIL 250 Elementary Logic II III  PHYSICS 311-1 Mathematical Tools for the Physical Sciences - I III  PHYSICS 311-2 Mathematical Tools for the Physical Sciences - III  POLI SCI 210 Introduction to Empirical Methods in Political Science III  POLI SCI 310 Methods of Political Inquiry III  POLI SCI 311 Logics of Political Inquiry III  POLI SCI 312 Statistical Research Methods  PSYCH 201 Statistical Methods in Psychology III  PSYCH 201 Statistical Methods in Psychology III  PSYCH 380 Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)  SLAVIC 341 Structure of Modern Russian III  SPANISH 281 Spanish Phonetics and Phonology III  SPANISH 281 Spanish Phonetics and Phonology III  STAT 202 Introduction to Statistics	MATH	220-2		II
MATH       228-2       Multivariable Integral Calculus for Engineering       II         MATH       327       Mechanics for Mathematicians       I,II         MATH       Completing any one course offered by the Department of Mathematics numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.       II         NICO       101       Introduction to Programming for Big Data (0.67 units) – see note below       Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies       II         PHIL       150       Elementary Logic I       II         PHIL       151       Scientific Reasoning       II         PHIL       250       Elementary Logic II       II         PHYSICS       311-1       Mathematical Tools for the Physical Sciences -I       II         PHYSICS       311-2       Mathematical Tools for the Physical Sciences -I       II         POLI SCI       210       Introduction to Empirical Methods in Political Science       II         POLI SCI       311       Logics of Political Inquiry       II         PSYCH       201       Statistical Research Methods       II         PSYCH       380       Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)	MATH	226-0		П
MATH       228-2       Multivariable Integral Calculus for Engineering       II         MATH       327       Mechanics for Mathematicians       I,II         MATH       Completing any one course offered by the Department of Mathematics numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.       II         NICO       101       Introduction to Programming for Big Data (0.67 units) – see note below       Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies       II         PHIL       150       Elementary Logic I       II         PHIL       151       Scientific Reasoning       II         PHIL       250       Elementary Logic II       II         PHYSICS       311-1       Mathematical Tools for the Physical Sciences -I       II         PHYSICS       311-2       Mathematical Tools for the Physical Sciences -I       II         POLI SCI       210       Introduction to Empirical Methods in Political Science       II         POLI SCI       311       Logics of Political Inquiry       II         PSYCH       201       Statistical Research Methods       II         PSYCH       380       Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)	MATH	228-1		II
MATH       327       Mechanics for Mathematicians       I,II         MATH       Completing any one course offered by the Department of Mathematics numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.       II         NICO       Introduction to Programming for Big Data (0.67 units) — see note below Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies         PHIL       150       Elementary Logic I       II         PHIL       151       Scientific Reasoning       II         PHIL       250       Elementary Logic II       II         PHYSICS       311-1       Mathematical Tools for the Physical Sciences -I       II         PHYSICS       311-2       Mathematical Tools for the Physical Sciences -II       II         POLI SCI       210       Introduction to Empirical Methods in Political Science       II         POLI SCI       310       Methods of Political Inference       II         POLI SCI       311       Logics of Political Inquiry       II         POLI SCI       312       Statistical Research Methods       II         PSYCH       201       Statistical Methods in Psychology       II         PSYCH       380       Advanced Statistics & Experi	MATH	228-2		II
MATH numbered 230-1 or higher with a grade of C- or better satisfies the Weinberg College Formal Studies (Area II) distribution requirement.    101	MATH	327		1,11
NICO    Project for Introduction to Programming for Big Data (0.33 units). NOTE: Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies    PHIL   150	MATH		numbered 230-1 or higher with a grade of C- or better satisfies the	Ш
Students must complete both NICO 101 and 102 for 1 credit towards Formal Studies		101	Introduction to Programming for Big Data (0.67 units) see note below	
PHIL151Scientific ReasoningIIPHIL250Elementary Logic IIIIPHYSICS311-1Mathematical Tools for the Physical Sciences - IIIPHYSICS311-2Mathematical Tools for the Physical Sciences - IIIIPOLI SCI210Introduction to Empirical Methods in Political ScienceIIPOLI SCI310Methods of Political InferenceIIPOLI SCI311Logics of Political InquiryIIPOLI SCI312Statistical Research MethodsIIPSYCH201Statistical Methods in PsychologyIIPSYCH380Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)IISLAVIC341Structure of Modern RussianIISOCIOL303Analysis and Interpretation of Social DataIISPANISH281Spanish Phonetics and PhonologyIISTAT202Introduction to StatisticsII	NICO	102	Students must complete both NICO 101 and 102 for 1 credit towards	II
PHIL250Elementary Logic IIIIPHYSICS311-1Mathematical Tools for the Physical Sciences - IIIPHYSICS311-2Mathematical Tools for the Physical Sciences - IIIIPOLI SCI210Introduction to Empirical Methods in Political ScienceIIPOLI SCI310Methods of Political InferenceIIPOLI SCI311Logics of Political InquiryIIPOLI SCI312Statistical Research MethodsIIPSYCH201Statistical Methods in PsychologyIIPSYCH380Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)IISLAVIC341Structure of Modern RussianIISOCIOL303Analysis and Interpretation of Social DataIISPANISH281Spanish Phonetics and PhonologyIISTAT202Introduction to StatisticsII	PHIL	150	Elementary Logic I	II
PHIL250Elementary Logic IIIIPHYSICS311-1Mathematical Tools for the Physical Sciences - IIIPHYSICS311-2Mathematical Tools for the Physical Sciences - IIIIPOLI SCI210Introduction to Empirical Methods in Political ScienceIIPOLI SCI310Methods of Political InferenceIIPOLI SCI311Logics of Political InquiryIIPOLI SCI312Statistical Research MethodsIIPSYCH201Statistical Methods in PsychologyIIPSYCH380Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)IISLAVIC341Structure of Modern RussianIISOCIOL303Analysis and Interpretation of Social DataIISPANISH281Spanish Phonetics and PhonologyIISTAT202Introduction to StatisticsII	PHIL	151	Scientific Reasoning	П
PHYSICS311-2Mathematical Tools for the Physical Sciences - IIIIPOLI SCI210Introduction to Empirical Methods in Political ScienceIIPOLI SCI310Methods of Political InferenceIIPOLI SCI311Logics of Political InquiryIIPOLI SCI312Statistical Research MethodsIIPSYCH201Statistical Methods in PsychologyIIPSYCH380Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)IISLAVIC341Structure of Modern RussianIISOCIOL303Analysis and Interpretation of Social DataIISPANISH281Spanish Phonetics and PhonologyIISTAT202Introduction to StatisticsII	PHIL	250	-	II
POLI SCI210Introduction to Empirical Methods in Political ScienceIIPOLI SCI310Methods of Political InferenceIIPOLI SCI311Logics of Political InquiryIIPOLI SCI312Statistical Research MethodsIIPSYCH201Statistical Methods in PsychologyIIPSYCH380Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)IISLAVIC341Structure of Modern RussianIISOCIOL303Analysis and Interpretation of Social DataIISPANISH281Spanish Phonetics and PhonologyIISTAT202Introduction to StatisticsII	PHYSICS	311-1	Mathematical Tools for the Physical Sciences - I	П
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POLI SCI311Logics of Political InquiryIIPOLI SCI312Statistical Research MethodsIIPSYCH201Statistical Methods in PsychologyIIPSYCH380Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)IISLAVIC341Structure of Modern RussianIISOCIOL303Analysis and Interpretation of Social DataIISPANISH281Spanish Phonetics and PhonologyIISTAT202Introduction to StatisticsII	POLI SCI	210	Introduction to Empirical Methods in Political Science	П
POLI SCI 312 Statistical Research Methods II  PSYCH 201 Statistical Methods in Psychology II  PSYCH 380 Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)  SLAVIC 341 Structure of Modern Russian II  SOCIOL 303 Analysis and Interpretation of Social Data II  SPANISH 281 Spanish Phonetics and Phonology II  STAT 202 Introduction to Statistics II	POLI SCI	310	Methods of Political Inference	П
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PSYCH 380 Advanced Statistics & Experimental Design (prior to Fall 2019 this was PSYCH 351)  SLAVIC 341 Structure of Modern Russian II  SOCIOL 303 Analysis and Interpretation of Social Data II  SPANISH 281 Spanish Phonetics and Phonology II  STAT 202 Introduction to Statistics II	POLI SCI	312		II
PSYCH 351)  SLAVIC 341 Structure of Modern Russian II  SOCIOL 303 Analysis and Interpretation of Social Data II  SPANISH 281 Spanish Phonetics and Phonology II  STAT 202 Introduction to Statistics II	PSYCH	201	Statistical Methods in Psychology	П
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SPANISH281Spanish Phonetics and PhonologyIISTAT202Introduction to StatisticsII	SLAVIC	341	Structure of Modern Russian	II
STAT 202 Introduction to Statistics II	SOCIOL	303	Analysis and Interpretation of Social Data	П
STAT 202 Introduction to Statistics II	SPANISH	281	Spanish Phonetics and Phonology	II
	STAT	202		II
	STAT	210	Introductory Statistics for the Social Sciences	II

STAT	232	Applied Statistics	П
		Any 300-level Statistics course (except 398) can count as one credit of the	
STAT		Area II requirement.	П