

Childhood Ed Grades 1-6

Chair of the Department

Students successfully completing all requirements, including their course requirements, clinical requirements, New York State Teacher Exams, and the Child Abuse and Neglect Reporting Workshop, the SAVE Workshop, and the DASA workshop, will be recommended for New York State initial certification.

First Year

Fall	Credits	Spring	Credits
EDUC 201		3 ENGL 110	3
KIN 110		3 SCI 240	3
LANGUAGE 1		3 EDUC 318	3
MATH 221		3 LANGUAGE 2	3
RELS 110		3 MATH 222	3
		Concentration One	3
	15		18

Second Year

Fall	Credits	Spring	Credits
EDUC 311		3 EDUC 303	3
RELS 200-Level Course		3 EDUC 353	3
EDUC 301		3 Concentration Two	3
BIOL 103		3 English Lit. Elective	3
BIOL 104		0 Concentration Three	3
HIST 206 or 207		3	
	15		15

Third Year

Fall	Credits	Spring	Credits
EDUC 354		3 EDUC 408	3
EDUC 401		3 EDUC 402	3
SPCH 204		3 SCI 242	3
Concentration Four		3 Concentration Six	3
Concentration Five		3 Concentration Seven	3
	15		15

Fourth Year

Fall	Credits	Spring	Credits
EDUC 406		3 EDUC 357	3
RELS 300-Level Course		3 EDUC 418	3
Fine Arts Elective		3 EDUC 438	3
Concentration Eight		3 KIN 209	1

Concentration Nine	3	Concentration Ten	3
		Social Science (ECON/POSC/ PSYC**/SOC)	3
		15	16

Total Credits: 124

This progression is not applicable to all programs.

Important note: The Chemistry and Math concentrations require students to also take Math 185 and Math 186.

Dual-Childhood and Students with Disabilities (Grades 1-6)

First Year

Fall	Credits	Spring	Credits
EDUC 201		3 ENGL 110	3
KIN 110		3 SCI 240	3
Language 1		3 EDUC 318	3
MATH 221		3 MATH 222	3
RELS 110		3 Language 2	3
		Concentration 1	3
		15	18

Second Year

Fall	Credits	Spring	Credits
EDUC 311		3 EDUC 303	3
EDUC 301		3 EDUC 353	3
BIOL 103		3 Social Science (ECON/POSC/ PSYC**/SOC)	3
BIOL 104		0 ENGL Literature Elective	3
RELS 200-Level Course		3 Concentration Two	3
HIST 206 or 207		3 Concentration Three	3
		15	18

Third Year

Fall	Credits	Spring	Credits
EDUC 401		3 EDUC 408	3
EDUC 354		3 EDUC 402	3
SPCH 204		3 EDUC 356	3
EDUC 355		3 SCI 242	3
Concentration Four		3 Concentration Five	3
		Concentration Six	3
		15	18

Fourth Year

Fall	Credits	Spring	Credits
EDUC 406		3 EDUC 357	3
Fine Arts Elective		3 KIN 209	1
Concentration Seven		3 EDUC 444 or 418	3
Concentration Nine		3 EDUC 446 or 438	3
Concentration Eight		3 Concentration Ten	3
		RELS 300-Level Course	3
		15	16

Total Credits: 130

This progression is not applicable to all programs.

Important note: The Chemistry and Math concentrations require students to also take Math 185 and Math 186.

Dual-Childhood/Special Education majors show evidence of passing New York State exams (to be determined).

Note: This is the general plan for Childhood Education majors. Each student receives a specific program plan based on his or her selected academic concentration.

Academic Concentrations available with Dual Certification are the same as listed with Childhood Education.

Please note that this major includes a two credit overcharge, but graduates are eligible for an additional NYS certification.

INFORMATION ABOUT CONCENTRATIONS

BIOLOGY*

BIOL 111	General Biology I	4
BIOL 113		0
BIOL 112	General Biology II	4
BIOL 114		0
BIOL 217	Genetics	4
BIOL 225	Microbiology	4
BIOL 301	Comparative Chordate Anatomy	4
BIOL 302	Developmental Biology	4
KIN 309	Anatomical Kinesiology	2
BIOL 320	Animal Physiology	4

Total Credits 30

CHEMISTRY*

CHEM 101	General Chemistry I	3
CHEM 103	General Chemistry Laboratory I	1

CHEM 102	General Chemistry II	3
CHEM 104	General Chemistry Laboratory II	1
CHEM 319	Organic Chemistry I	3
CHEM 323	Organic Chemistry Laboratory I	2
CHEM 320	Organic Chemistry II	3
CHEM 324	Organic Chemistry Laboratory II	2
CHEM 302	Analytical Chemistry	5
CHEM 309	Physical Chemistry I	3
CHEM 310	Physical Chemistry II	3
CHEM 311	Physical Chemistry Laboratory	2
CHEM 335	Inorganic Chemistry	3
Total Credits		34

ENGLISH*

ENGL 306	Introduction to Literary Study (One course from "Literary History and National Traditions (any period))	3
----------	---	---

For full concentration (30 credits):

English Concentration Electives:

Three courses (9 credits) at the 300- or 400-level from "Literary History and National Traditions," one from each of the three literary periods listed.

One course from three of the remaining four categories (9 credits): "Theory, Media, and Praxis"; "Writing"; "Genre and Author Studies"; and "Global and Cultural Perspectives"

3 additional 300- or 400-level courses (9 credits), including one labeled "Sophomore/Junior research seminar."

Total: 30 credits

For general studies (15 credits):

One course from "Literary History and National Traditions (any period) - 3 credits

Three additional 300- or 400-level courses, from at least two of the remaining categories - 9 credits

Total: 15 Credits

Additional details about elective options for Education majors will be found in the English section of this catalog.

FRENCH and FRANCOPHONE STUDIES*

Two 200-level courses		6
FREN 301	Advanced French Conversation and Phonetics	3
or FREN 307	Advanced Grammar and Composition	
Five Courses in French at the 300-400 level (Chair approval)		15

Choose two courses from the following: FREN 303, FREN 340, FREN 341, FREN 342, FREN 350, FREN 351	6
30 Credits of French	30

GENERAL SCIENCE**

BIOL 111	General Biology I	4
BIOL 113		0
SCI 201	Introduction Astronomy	3
BIOL 112	General Biology II	4
BIOL 114		0
CHEM 101	General Chemistry I	3
CHEM 103	General Chemistry Laboratory I	1
CHEM 102	General Chemistry II	3
CHEM 104	General Chemistry Laboratory II	1
Physics Electives		6
SCI 202	Introduction Geology	3
SCI Elective		3
Total Credits		31

Note: General Science majors do not take BIOL 103 or 104.

MATHEMATICS*

MATH 321	Fundamental Concepts: Algebra & Number Theory	3
MATH 322	Fundamental Concepts: Geometry & Measurement	3
MATH 326	Fundamental Concepts: Discrete Math	3
MATH 155	Calculus for the Life Sciences I (Take in the fall semester of freshman year.)	3
or MATH 185	Calculus I	
MATH 156	Calculus for the Life Sciences II (Take in the spring semester of freshman year.)	3
or MATH 186	Calculus II	
MATH 243	Foundations for Higher Mathematics	3
MATH 230	Elementary Statistics	3
or MATH 336	Applied Statistics	
MATH 243	Foundations for Higher Mathematics	3
Choose from the following to total 30 hours		
MATH 285	Calculus III	3
MATH 286	Differential Equations	3
MATH 331	Probability	3
MATH 361	Introduction to Higher Geometry	3

MATH 372	Linear Algebra I	3
Total Credits		30

PSYCHOLOGY

PSYC 203	Introduction to Psychology	3
PSYC 321	Social Psychology	3
PSYC 214	Statistics and Research Methods I	3
PSYC 314	Statistics and Research Methods II	3
PSYC 340	Cognition and Learning	3
PSYC 333	Motivation and Emotion	3
PSYC 421	Psychopathology	3
PSYC 310	Psychology of Developmental Disorders and Delays	3
PSYC Electives *		6
Total Credits		30

*For the PSYC Electives, choose two courses from the following: PSYC 302, PSYC 343, PSYC 347, PSYC 348, PSYC 316

SOCIAL STUDIES*

HIST 206 or HIST 207	United States Through 1876 United States Since 1876	3
HIST 217	World History to 1600	3
HIST 218	World History Since 1600	3
One World History Elective		3
Three courses from either ECON, POLITICAL SCIENCE, or SOC		9
300-level History courses		9
Total Credits		30

SPANISH and LATIN AMERICAN STUDIES

Two 200 -level courses	Only if placed on this level	6
SPAN 307	Advanced Grammar	3
SPAN 340	Spanish Civilization	3
SPAN 341	Spanish American Civilization	3
Two courses at the 400-level		6
Spanish Electives (Chair approval)	12 credits if no 200-level courses are required	6
SPAN 317	Introduction to Hispanic Literature	3
Total credits = 30		

* Upward certification (Grade 7-9) is available

GENERAL STUDIES

The General Studies concentration has a total of 30 credits. Students must select TWO areas of concentration and complete 15 credits in EACH area. At least one of the areas

(15 credits) must be from list one: English, French, General Science, Mathematics, or Spanish. The other area of concentration (15 credits) can also be from list one or from list two: Political Science, History, Psychology, or Sociology.

CONCENTRATION COURSES FOR GENERAL STUDIES

List One:

English includes the following 5 courses: ENG 306, One course from "Literary History and National Traditions (any period), one 300- or 400-level course from one of the following categories: "Theory, Media, and Praxis"; "Writing"; "Genre and Author Studies"; and "Global and Cultural Perspectives", another 300- or 400-level course, from a new categories: "Theory, Media, and Praxis"; "Writing"; "Genre and Author Studies"; and "Global and Cultural Perspectives", One 300 or 400-level English course

French includes the following 5 courses: Two 200-level courses;Three 300-400 -level courses

Spanish includes the following 5 courses: Two 200-level courses;Three 300-400 -level courses

General Science includes the following 5 courses: SCI 201, SCI 202, SCI 221,BIO 221 (Nutrition), Science Elective (Science 210, Science 323)

Mathematics includes the following 5 courses: MATH 321, MATH 322, MATH 230, MATH 326, MATH 100/151/155 or 185

List Two:

Political Science includes the following 5 courses: POSC 201, POSC 203, POSC 205, POSC 209, POSC elective

History includes the following 5 courses: HIST 206 or HIST 207 (One of these will be applied as a core course.), HIST 217, HIST 218, HIST Elective (HIST 100 or a 200-level courses), HIST Elective (HIST 100 or a 200-level courses)

Psychology includes the following 5 courses: PSYC 203, PSYC 333 OR PSYC 340, two courses (6 credits) from the following: PSYC 214,PSYC 321, PSYC 421, PSYC 310, PSYC 333, PSYC 340, PSYC 347, and a free PSYC elective (3 credits), *not allowed: PSYC 345, 346, 334, 314, or 414.*

Sociology includes the following options for the 5 courses:

Option 1: Five (5) courses: SOC 201 and four (4) electives from the following options: SOC 204, SOC 209, SOC 210, SOC 302, SOC 304, SOC 308, SOC 313 and SOC 338

Option 2: Five (5) courses: SOC 201, two (2) courses chosen from SOC 204, SOC 209, SOC 210, and two (2) courses chosen from SOC 302, SOC 304, SOC 308, SOC 313, and SOC 338

EXTENSIONS

Early Childhood Extension (birth through grade two)

This extension requires an additional six hours earned in the following courses:

EDUC 440	Education of the Young Child (50 field hours required)	3
EDUC 442	Early Childhood Student Teaching (20 full days of field required)	3

Please note that these hours must be evenly split between the different levels of early childhood education. In addition, one student teaching placement must be in a grade 1 or 2 classroom setting.

Middle School Extension (Grades 5-9)

This extension requires an additional six hours earned in two of the following courses:

Choose One of the following:

EDUC 376	Curriculum and Methods of Teaching English Grades 7-12	3
EDUC 377	Curriculum and Methods of Teaching Social Studies Grades 7-12	3
EDUC 378	Curriculum and Methods of Teaching Mathematics Grades 7-12	3
EDUC 379	Curriculum and Methods of Teaching Foreign Language Grades 7-12	3
EDUC 380	Curriculum and Methods of Teaching Science Grades 7-12	3

30 field hours -in the candidate's concentration area- in a middle school is required

And:

EDUC 375	Theoretical Foundations of Teaching and Learning in the Middle School Grades 7-9 (30 field hours in a middle school is required)	3
----------	--	---

Please note that to obtain teaching certification for Grades 7-9, candidates must take an additional content specialty in an appropriate subject.

Five-Year: Childhood/Special Education (Grades 1-6) (BS/MSED in Special Education)

Dual Certification Childhood Education/Students with Disabilities - Grades 1-6

This Five Year program is designed for the undergraduate student seeking dual certification for Childhood/Students with Disabilities Grades 1-6.

Students who complete the first semester of their sophomore year with a cumulative index of 3.00 or better and grades of B or better in all required Education courses may apply to the Education Department for conditional acceptance into the five year BS/MS Ed program, which leads to dual certification in Childhood/ Students with Disabilities, Grades 1-6 . After completion of their junior year, candidates will apply to The Office of Graduate Admissions for formal admission. A cumulative GPA of 3.0 or better, grades of B or better in all Education courses, an essay, and the recommendation of two faculty members is required for formal admission. Upon satisfactory completion of specific program

requirements, and successful completion of the New York State Educating All Students test (EAS), and required CST exams, students will be recommended for initial certification.

Please note that candidates who are interested in the five-year program should not take EDUC 301, EDUC 408, or EDUC 406.

Degree Program is 127 credits for the undergraduate program and 151/152 credits total (with the 5th year).

Students complete the required sequence of undergraduate courses during freshman, sophomore, junior and senior year. In the fourth year they are enrolled in four graduate courses. In the Fifth year, students complete 22 graduate credits. Five year participants complete an internship in a Special Education setting full days during the Fall or Spring semester of the fifth year. Twelve credits need to be completed in a content area that covers Math, Science, Social Studies and Language Arts. Six credits of these content required courses may be taken in the Fourth Year.

FOURTH Year - GRADUATE COURSES (12 Credits)

Semester One (or the semester when NOT student teaching):

EDUG 778	Nature and Needs of the Exceptional Individual	3
EDUG 781	Management Techniques and Curriculum for the At Risk, English Language Learner [ELL] & Behave Disord	3

Semester Two (or the semester when student teaching):

EDUG 733	Approaches to Multicultural Education for the At Risk, (ELL) and Disabled Student	3
----------	---	---

Choose one course from the following list:

EDUG 753	Teaching Reading in Content Areas for At Risk, English Lang Learner(ELL) & Disabled (Grades K-12)	3
EDUG 754	Literature for the At Risk, (ELL) and Disabled (Grades K-12)	3
EDUG 766	Literacy Instruction for At Risk, English Language Learner (ELL) and Disabled Student.	3
EDUG 815	Curriculum, Assessment and Methods of Teaching English as a Second Language in Gen and Spe Ed	3
EDUG 805	Integrated Learning I:Social Studies & Language Arts Instruction for the At Risk, ELL & Disabled Stu	3
EDUG 808	Integrated Learning II:Social Studies&Language Arts Ins for the At Risk, ELL & Disabled Student	3
EDUG 785	Life Science for At Risk, English Language Learner (ELL) and Disabled Student (Grades K-8)	3
EDUG 768	Integrated Curriculum: Math, Science & Technology I for the At Risk, ELL and Disabled Student K-8	3
EDUG 775	Mathematics Instruction for At Risk, English Language Learner (ELL) and Disabled (Grades K-8)	3
EDUG 812	Integrated Curriculum II:Math,Sci & Tech for At Risk ELL and Disabled (Grades K-8)	3

EDUG 899	Physical Science for the Teacher of the At Risk and Disabled (Grades K-8)	3
EDUG 776	Science Instruction for the At Risk, English Language Learner [ELL] and Disabled	3

Total Credits 12

Please see the Graduate Education pages for more information.

Five-Year Childhood/Special Education majors show evidence of passing New York State exams (to be determined).

Note: This is the general plan for Five-Year: Childhood/Special Education, each student receives a specific program plan based on his/her selected academic concentration.

Academic Concentrations available with the Five-Year Program are the same as listed with Childhood Education.

Back To Top (<https://catalog.manhattan.edu/archives/2018-19/undergraduate/education/childhoodeducation/#top>)