

*School of Education*  
**UNDERGRADUATE CATALOG**  
**2017—2018**

Revised August 2017

This catalog applies to all students accepted into the Education Program beginning June 1, 2017

*Important Notice: Catalog Revisions*

Manhattanville College reserves the right, because of changing conditions, to make modifications of any nature in the academic programs and requirements of the College without notice. Tuition and fees set forth in this publication are similarly subject to change by Manhattanville College. The College regrets any inconvenience this may cause.

The responsibility for compliance with the regulations in each Academic Catalog rests entirely with the student. The Catalog is not a contract, and nothing in this Catalog can be construed as the basis for a contractual claim. The curricular requirements in this Catalog apply to those students matriculated in the 2017-2018 academic year. This Catalog reflects policies, fees, curricula, and other information as of August 2017.

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## Letter from the President



July, 2016

Dear Undergraduate Student in the School of Education,

I am pleased to welcome you to Manhattanville College and our outstanding NCATE-accredited School of Education!

As you may know, Manhattanville was established by the Sisters of the Society of the Sacred Heart back in 1841. That Catholic organization dates back to the years after the French Revolution, when Sister Madeleine Sophie Barat founded the order with the goal of educating young women as a way of inoculating them against extremist ideologies of any kind, specifically terrorist ideologies like the “Reign of Terror” imposed on France by Maximilien Robespierre, in which thousands of innocent people lost their lives.

Though Manhattanville College has been nonsectarian and coeducational for many years, the basic values of its founders – dialogue, relationships, communication and networks, community life, and a focus on education and young people - have only gained in urgency in recent years. So, in a very real sense, Manhattanville College and its mission were built around the mission of the School of Education, even before education programs began to be offered.

As you will quickly find out, one of the distinguishing characteristics of our School of Education is an emphasis on an experiential approach to learning, putting students in real-life classroom situations at a very early stage. Our biggest asset, however, is our faculty, each and every one of them a highly qualified teacher-scholar with a deep professional and personal interest in their students’ success.

The Manhattanville School of Education has the type of programs and curriculum that meets your needs.

I look forward to welcoming you to the Manhattanville Campus in person.

Sincerely,

A handwritten signature in blue ink that reads "Michael E. Geisler". The signature is written in a cursive, flowing style.

Michael E. Geisler, Ph.D.  
President

## School of Education Mission Statement

The Mission of the Manhattanville College School of Education, inspired by the College Mission statement, is to educate candidates to become ethically and socially responsible teachers and school leaders for participation in the educational community.

We are committed to doing that by:

Ensuring the intellectual, ethical and social development of each candidate within a community of engaged scholars, teachers and school leaders.

We are committed to developing our candidates' capacities in the following two domains of competence:

*Learning and teaching:* candidates' teaching is based on knowledge, learning theories and best practices, family and community influences, and local, state, and national standards.

*Liberal arts:* candidates understand the importance of demonstrating mastery of literacy on two levels: a broad base of content knowledge necessary to support student learning and solid literacy skills that include reading, writing, speaking and listening.

Encouraging each candidate to apply his or her development as an independent leader and creative thinker to career and personal goals. We are committed to promoting in our candidates the following domain of competence:

*Professionalism:* candidates are committed to being leaders in the educational community.

Providing a diverse campus community whose members know, care about and support each other and actively engage the community beyond. We are committed to developing our candidates' capacities in the following two domains of competence:

*Diverse learners:* candidates understand and meet the varying needs and interests of each student with sensitivity to racial, ethnic, socio-economic, ability and gender differences.

*Family, school and community:* candidates value and recognize the importance of being informed by the community to support student learning.

Through professional and collaborative teaching, research and self-governance, in cooperation with Liberal Arts and Sciences faculty and in partnership with local educational agencies, we will model intellectual and ethical individual and institutional practice for our candidates.

## School of Education – Directory

Shelley B. Wepner, Dean  
JoAnne Ferrara – Associate Dean for Undergraduate Programs  
Laurence Krute – Associate Dean for Graduate Programs  
Jody Green – Associate Dean of Graduate Advising  
Kate Hathaway – Associate Dean for Accreditation & Technology  
Danielle Wachter – Assistant Dean of Operations

### Main Office (914) 323-5214

Linda Putorti – Assistant to the Dean/Office Manager  
Renee Roff – Coordinator Accreditation & Technology & Undergraduate Advising  
Patricia Gannon – Administrative Assistant

### Undergraduate Admissions and Advising (914) 323-5214 / (914) 323-5180

### Student Teaching Office (914) 323-7125

Kevin Roberts – Director of Field Placement, Certification & Community Outreach  
Linda Molloy - Secretary

### Faculty

Barbara Allen-Lyall	Childhood Education
Vance Austin	Special Education
Ellis Barowsky	Special Education
Lenora Boehlert	Educational Leadership
Stephen Caldas	Educational Leadership
Rhonda Clements	Physical Education
Katherine Cunningham	Literacy
Victoria Fantozzi	Early Childhood/Childhood
Pledger Fedora	Literacy
JoAnne Ferrara	Childhood Education
Ryan Fisk	Physical Education
Diane Gomez	TESOL
Frederick Heckendorn III	Secondary Social Studies
Nikki Josephs	Special Education
Courtney Kelly	Literacy
Laurence Krute	ESL/Foreign Language
Kristie Lynch	Physical Education
Micheline Malow	Special Education
Sherie McClam	Science
Kenneth Mitchell	Educational Leadership
Robert Monson	Educational Leadership
Patricia Vardin	Early Childhood Education
Yiping Wan	Educational Leadership

### HELP Center (914) 323-7127

**Manhattanville College**  
Main Number (914) 694-2200

**LIBRARY**  
**(914) 323-3159**  
**Paula Moskowitz**

**CENTER FOR CAREER DEVELOPMENT**  
**(914) 323-5484**  
**Kristen Hanley**

**REGISTRAR**  
**(914) 323-5337**  
**Jeneen Kelly**

**FINANCIAL AID**  
**(914) 323-5357**  
**Robert Gilmore**

**ADMISSIONS**  
**(914) 323-5125**  
**Joseph Cosentino**

**STUDENT ACCOUNTS**  
**(914) 323-1255**  
**Elizabeth Valdez**

**ADDITIONAL PHONE NUMBERS**

**Undergraduate Academic Advising**      **(914) 323-5353**

**Bookstore**      **(914) 323-5323**

## TEACHER EDUCATION AT MANHATTANVILLE

Manhattanville's commitment to the Teacher Education programs in the School of Education is most vividly exemplified by the quality instruction offered by our caring and experienced faculty. The College's abiding concern for individual students is reflected in our personalized approach to teaching, advising and providing student support services. All programs offered are New York State Education approved and registered with the department.

This catalog is designed as a tool for planning a successful undergraduate teacher education program at Manhattanville College. Please read it carefully since it articulates Manhattanville's requirements for all undergraduate education students, whether matriculated into a program or taking non-degree courses. Students should follow the program plans of the Undergraduate Catalog that is in effect on the date of their matriculation.

The New York State Education Department (NYSED) oversees the licensing and certification of teachers through registered Teacher Education programs offered by NYS colleges, such as Manhattanville College. The Office of Teaching Initiatives, a division of NYSED, provides helpful information regarding certification requirements on their website at <http://www.highered.nysed.gov/tcert/>.

### Eligibility for Admission to the School of Education

Candidates eligible for the undergraduate programs include those who:

- ❑ Are accepted and enrolled in a Manhattanville Bachelor's degree program and present and maintain a minimum grade point average of at least 2.75 (A = 4).
- ❑ Plan to meet appropriate undergraduate content area coursework as described in each program plan. (See "*Program Plans*")
- ❑ Submit an application. Students must also submit official transcripts for all transfer credits to the attention of Dr. JoAnne Ferrara, School of Education.
- ❑ Demonstrate an aptitude for undergraduate study.
- ❑ Provide evidence of all required immunizations. Students born after January 1957, taking six or more credits within a semester or session, are required by state law to provide colleges with proof of immunization against measles, mumps and rubella. Contact the Health Center in order to comply.



- ❑ International students must demonstrate English language proficiency prior to admission. All applicants who speak or write English as a second language are required to take the TOEFL exam and receive a minimum score of 85 on the internet-based test and 300 on the computer-based test.

### Admission Procedures for Manhattanville Undergraduates

Admission to the School of Education is not automatically granted with acceptance to the College. Those wishing to enter education programs will apply during the semester in which they complete EDU 2000, *Fundamentals of Schools and Teaching*. Students applying only to the Early Childhood Program take EDU 3017 (*Foundations of Early Childhood Education*) instead of EDU 2000.

Students may register to take EDU 2000 or EDU 3017 in the second semester of their Freshman year. Admission decisions will be made at the end of the semester students enroll in EDU 2000 or EDU 3017 when the criteria for acceptance into the program can be fully reviewed.

Students must earn a minimum grade of B- in EDU 2000, *Fundamentals of Schools and Teaching*/EDU 3017, *Foundations of Early Childhood Education*.

Students must receive a grade of C or better in any program course. A student receiving a grade of C- or below in an education course or a state certification required course (as listed on the program plan pages) must retake the course. Education courses may be retaken only once.

Upon application to the education program, the applicant must have earned a minimum GPA of 2.75 in the Bachelors program and **must maintain** that minimum GPA from the time of admission until completion of the degree.

Upon application to the education program, the applicant must have earned a minimum GPA of 2.75 in the Bachelors program and **must maintain** that minimum GPA from the time of admission until completion of the degree.

### Admission Procedures for Transfer Students

Admission criteria for transfer students are the same as those for other Manhattanville Undergraduates. If a transfer student has not taken an introductory course in Education equivalent to EDU 2000 (*Fundamentals of Schools and Teaching*) or EDU 3017 (*Foundations of Early Childhood Education*), the transfer student follows the same course requirements as non-transfer students. Transfer students should make an appointment to see the Associate Dean for Undergraduate Programs who will approve the registration for EDU 2000 during the transfer student's first year at Manhattanville. In EDU 2000, application materials will be distributed and procedures for their completion and submission will be reviewed. Admissions decisions are made at the end of the semester when grades have been posted and GPA's have been re-calculated.

If the transfer student has already passed an education course equivalent to EDU 2000 (or EDU 3017 for the Early Childhood Program) with a grade of B or better and is transferring into Manhattanville with a minimum GPA of 2.75, s/he may be eligible for application to the undergraduate education program. Students in this category should

make an appointment to meet with the Associate Dean for Undergraduate Programs prior to starting at Manhattanville, and should bring to this advising meeting their transcript(s) and course descriptions of any education courses they have taken.

Letters are mailed to the applicants indicating acceptance as soon as possible. All students will meet with the Associate Dean for Undergraduate Programs at least once each semester; this is in addition to meeting with their academic advisors.

### Eligibility for Bachelors/Masters Dual Degree Programs (Honors Program)

Students must complete EDU 2000, *Fundamentals of Schools and Teaching* (or EDU 3017 for Early Childhood) and must be recommended by the course instructor. Upon application to the education program, the applicant must have earned a minimum cumulative GPA of 3.4 in the Bachelors program and must maintain that minimum GPA from the time of admission into the program until completion of the Bachelor's degree.

### **Advising & Registration**

Students are required to meet with the Associate Dean for Undergraduate Programs *each semester*. Students are advised to register in a timely fashion for those courses that they know they must take in a given semester.

The Associate Dean for Undergraduate Programs works closely with students to help them plan their undergraduate study. Ultimately, however, it is the student's responsibility to make sure that s/he completes all program requirements.

### **Academic Integrity**

Any student found to have committed an offense against academic integrity in any education course will be dismissed from the education program. For further information, please refer to the section on Academic Conduct in the booklet "Student Handbook and Code of Community Conduct."

### **Dispositions**

The School of Education values collaboration, emotional maturity, flexibility, honesty and integrity, professionalism, respect, responsibility, and reverence for learning.

These values are indicated by respectful action towards college faculty and classmates in classrooms and on-campus. We believe that a candidate's ability to behave professionally and respectfully is diagnostic of his/her ability to behave professionally and effectively as an educator. We, therefore, expect candidates to model as undergraduate students the same behaviors they will follow in their own practice as educators. We expect and will observe and assess professionalism and respect in classrooms, at campus events, and in other professional settings.

Instances of unprofessional behavior which is not immediately rectified will be reported to and recorded by the Office of Undergraduate Advising. Candidates who exhibit a serious, documented lack of professional dispositions will be subject to a range of sanctions including, but not limited to a course grade being lowered, failure of the course, denial of college recommendation for certification, and/or expulsion from the School of Education.

## **BA Programs – Declaring a Major in Education**

Manhattanville requires that undergraduate students declare both a Liberal Arts major and a second major in Education as part of the study plan. Education students pursuing a Bachelor of Fine Arts (BFA) choose Art Education as a Minor; they do not need a second major. Education students pursuing a BMus in Music Education do not require either a second major or minor.

## **Bachelors/Masters Dual Degree Programs (Honors Programs)**

In each BA/MAT, BA/MPS or BS/MAT program, students complete all the requirements for a Manhattanville undergraduate liberal arts degree. Dual Degree (Honors) candidates must have and maintain a GPA of at least 3.4. Students DO NOT receive an undergraduate degree in education. As undergraduates, they are allowed to take up to 15 credits toward one of Manhattanville's MAT or MPS programs with these credits counting toward both degrees. With the exception of Art and Music candidates, all BA/MAT, BA/MPS and BS/MAT students major in Liberal Arts areas, not in Education. Students will Student Teach during the master's part of the program.

## **Student/Supervised Teaching**

Student/supervised teaching is the culmination of all degree programs. Student teaching consists of minimally one complete semester of 14 weeks, following a full-time school schedule, and includes a weekly seminar. The weekly seminar is an integral part of student teaching and all course assignments for the seminar must be completed as assigned. Professional behavior and deportment are critical to successful teaching and will be assessed during the student teaching experience.

Placement of teacher candidates in classrooms for student teaching is a complex process, necessitating finding appropriate schools and grade levels to fulfill certification and degree requirements. Considerable time is also required to ensure that each candidate will be placed in the most suitable seminar group.

Therefore, candidates for student/supervised teaching in Fall semester must meet first with the Associate Dean for Undergraduate Programs and secondly with the Office of Field Placement by March 15 of the preceding Spring semester. Candidates for student/supervised teaching in Spring semester must meet first with the Associate Dean for Undergraduate Programs and secondly with the Office of Field Placement by October 15 of the preceding Fall. Students who do not meet these deadlines must postpone

student teaching. **Fingerprinting must be completed prior to signing up for Student Teaching.**

Beginning with the Spring 2014 semester, all students will complete an electronic portfolio, the “edTPA,” as a requirement for successful completion of student teaching. For those seeking their first NY State teacher certificate, the edTPA must also be submitted to NYSED. Thus, the edTPA will normally be completed during the student teaching semester.

Candidates who do not successfully complete the edTPA during student teaching may seek additional mentoring through the School of Education before or after graduation, for which there will be an additional tuition charge. Such students must seek their own placements in schools as necessary.

### **Fast Start Scholarship**

This scholarship offers a 20% reduction in graduate tuition to all Manhattanville alums who start a graduate education program at Manhattanville in the summer or fall immediately following completion of their bachelor’s degree, as long as they have a 3.2 cum GPA and remain full-time in the program. Interested students should contact Graduate Admissions (ext. 5142) for further information. Bachelors/Masters Dual Degree students are not eligible for this scholarship.

### **Super Start Preparation for Master’s program in Physical Education and Sport Pedagogy**

Students who wish to prepare for the Manhattanville Master’s program leading to certification in Physical Education may take one or more of the prerequisites for that program during their undergraduate years in addition to the courses required for their major and minor areas. Depending on their grades, students may in addition be eligible for the Fast Start Scholarship described above. Please see further details on page 41. Note that prerequisite courses are not part of the 39 credit MAT program.

### **New York State Liberal Arts Requirements**

According to Regents Rule 3.47(c), undergraduate degrees are distinguished by the minimum number of liberal arts credits required for each degree. The BFA and BMus require 30 credits of liberal arts coursework. **The BA degree requires 90 credits of liberal arts coursework. Education courses do not count toward the 90 liberal arts credits requirement.**

New York State considers Liberal Arts courses to be those that are either of a general and/or theoretical nature that are designed to develop judgment and understanding about one’s relationship to the social, cultural, and natural facets of the total environment. Working corollaries for counting liberal arts courses are:

1. Independent of specific application
2. Theoretical understandings as opposed to practical application
3. Breadth and scope in principle covered
4. Not definitely directed toward particular career or specific professional objectives
5. Not chiefly “how to” in manipulative skills or techniques
6. Not “applied” aspects of a field.

Courses offered in the areas of English, some Communication courses, some Dance and Theater courses, Languages, Music History and Theory, Art History and Theory, Philosophy, Religion, Mathematics, Natural Sciences and Social Sciences, among others, are considered Liberal Arts.

Physical Education, Management, Education, Library Science, Studio Art, Theatre Production, Music practice or performance, among others, are not considered Liberal Arts.

*Consult with the Academic Advising Office if you are unsure about what constitutes a Liberal Arts course.*

## **New York State Content Core Requirements**

According to New York State Regulations, every candidate for an initial teaching certificate must complete at least 30 credits in a single Liberal Arts subject or interdisciplinary field. A major in any Liberal Arts area will meet this requirement. To ensure that the New York State requirements will be met, student contemplating a self-designed major must plan the major carefully with the Associate Dean for Undergraduate Programs in the School of Education as well as the Academic Advising Office.

In addition to the Liberal Arts major, specific coursework required by New York State for teacher certification is described in each program plan. This coursework must be completed (with a letter grade of C or above, NO PASS/FAIL).

## **New York State General Education Requirements**

Coursework is required in each of the following areas. Only courses with a grade of “C” or better will be accepted. No courses graded Pass/Fail will be accepted.

One course may be used to meet the requirement in more than one area. A given course may be used to meet both state and Liberal Arts distribution requirements.

NY STATE AREA	DESCRIPTION	EXAMPLES
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Literature (3 cr.)	A course in the literature of any culture or time period. (Need not be in the English language)	ENG literature (English) FRN literature (French) SPN literature (Spanish) ITL literature (Italian) CSS literature (Classics) GER literature (German) Other literature
History (3 cr.)	A course in history or a history-based course in one of the social sciences  American history is required for Childhood (Gr 1-6) and Early Childhood (Birth – Gr 2) candidates	HIS Any history course POS 2038, etc. ECO 2025, etc. SOC 2025, etc. Any other <u>history-based</u> course in POS, ECO, SOC For Music students, MUH3011 and for Art students, ARH (modern)
Math (3 or 4 cr.)	A math course	MATH Any college level math course (not a computer science, statistics or finance course)
Science (3 or 4 cr.)	A science course	BIO ----; CHEM ----; PHY----; or other science course
Foreign Language (6 cr.)	Two semesters or the equivalent of a language other than English. An intermediate course or the second semester of a two-semester course is considered to be the equivalent of two semesters.	SPN---, FRN---, ITL---CSS---, GER---, etc.  EDU 3003/3004 Sign Language Satisfies NY State requirement for language. For students admitted after Fall 2009 also satisfies college foreign language requirement.
Art	Any course in the visual or performing arts	ARH, ARS, MUH, MUT, MUA, DTH, etc.
Communication	Any liberal arts course in oral communication	COMM---- ENC 4010
Written Expression	Coursework in written expression	Pre Fall 2009 - ENC 2000 or one course designated WR For students admitted after Fall 2009 – 6 cr. in coursework designated as meeting the written communication competency

## Transfer Credits

Education Course transfer credits must be approved by the Associate Dean for Undergraduate Programs. Students must provide the School of Education with official transcripts for all courses transferred before student teaching begins.

## **NYSTCE Exams**

Individuals seeking a New York State certificate for teaching must achieve qualifying scores on a set of assessments called the New York State Teacher Certification Examinations (NYSTCE). The purpose of these examinations is to help ensure that certified teachers have the knowledge and skills that are important for the job of a teacher in New York State public schools.

For students graduating and meeting all state certification requirements on or after May 2013, the following state tests are required:

New York State Revised Content Specialty Tests (CSTs)  
New York State Educating All Students Test (EAS)  
New York State edTPA e-Portfolio with video clips of student teaching in the classroom

For complete information, go to <http://www.nystce.nesinc.com/>

## **Fingerprinting-Must be completed prior to Student Teaching**

- All fingerprinting for NYS is done through MorphoTrust. To fill out an application and schedule an appointment, go to the website [www.indentogo.com](http://www.indentogo.com) and click on NYS on the map, or call them at (877) 472-6915
- **ORI Number:** Morpho Trust will ask you to provide an ORI number at the point of application.
  - The ORI Number for NYSED is: TEACH
- **Payment:** The total fee for fingerprinting is **\$99.70**. Payment can be made at the time of scheduling with a credit card, or on site with **a check or cash *only***. At this time, fingerprinting locations are not equipped to accept payment with a credit card.
- **ID:** You must have two forms of identification. At least one form of identification must contain a photo.
  - Acceptable forms of ID include, but are not limited to: U.S. Passport (expired or unexpired); Unexpired Foreign Passport; Driver's License or Photo ID Card; U.S. Student ID card with photo (high school or college); Photo ID card issued by Federal, State or Local Government; Voter Registration card; U.S. Military Card; Military Dependent's ID Card; U.S. Social Security Card; Canadian Driver's License; Original or Certified Copy of a Birth Certificate; U.S. Citizen ID Card; Certification of Birth Abroad.

## Field Experience

New York requires that each candidate for certification have a total of 100 hours of field experience BEFORE the student teaching semester. Most undergraduate education courses at Manhattanville assign a specified number of hours of observation and participation in school related settings. The field experience hours are incorporated into course requirements. The professor will assign the specific requirements for each course.

## Student Teaching

Student teaching is the culminating experience of a teacher education program leading to a state teaching certificate. This immersion in the real world of schools will prepare you, in the same way as an apprenticeship would, to meet the challenges of your own classroom. With Manhattanville's support, encouragement and guidance, you will prepare yourself for a profession that is as satisfying as it is demanding.

The School of Education will arrange a teaching experience in an early childhood, elementary, middle or secondary school supervised by both a college advisor and a cooperating teacher to whose class you have been assigned.

As part of student teaching, students are required to attend a weekly seminar. Enrollment in this course, however, does not mean that a student will automatically receive state certification.

Placement of teacher candidates in classrooms for student teaching is a complex process. It necessitates finding appropriate schools and grade levels for fulfilling all certification and degree requirements. In addition to classroom placements, considerable time is required in order to build effective seminar groups. This will ensure that each candidate is placed in the most suitable group. **Therefore, appointments to discuss student teaching must be made by March 15 for those planning to student teach in the fall semester, and by October 15 for those planning to student teach in the spring semester. Failure to comply with these deadlines may result in postponement of student teaching until the following semester.**

For student teaching registration, students must make an appointment with the Associate Dean for Undergraduate Programs, followed by an appointment with the Director or Assistant Director of Field Placement. Student teaching appointments may be made by calling the Field Placement Office: (914) 323-7125. After consultation with the Associate Dean for Undergraduate Programs, the student may be permitted to take one course (up to 4 credits) in addition to student teaching during the student teaching semester.



An overall grade point average of 2.75 is required to be eligible for student teaching. Undergraduates may repeat any Education course only once.

You will be encouraged to put into practice all that you have learned about being a teacher. Working alongside master teachers, under the supervision of a Manhattanville Field Advisor, you will be required to:

1. Student teach all day, Monday through Friday, for an entire semester
2. Attend a 2 ½ hour weekly integrating seminar held at the College
3. Provide your own transportation to and from the student teaching site and the seminar.

For additional information about student teaching, please refer to the Student/Supervised Teaching Handbook in the Student Teaching Office.

## **Workshops and State Tests**

In addition to the outlined program requirements, the New York State Education Department requires a workshop on recognizing and reporting child abuse, a workshop on school violence prevention and a workshop on bullying and harassment (DASA) in order to complete the New York State Certification requirements. The seminars are offered in the fall and spring semesters and should be taken at Manhattanville during the student teaching semester. Fees for the seminars are nominal. Additionally, the student must pass all required New York State certification exams.

### Child Abuse Identification,

All applicants for certification are required to complete the workshop in the identification and reporting of suspected child abuse and maltreatment in accordance with Sections 3003(4) and 3004 of the Education Law.

### School Violence Prevention (S.A.V.E.)

All applicants for certification are required to complete the workshop in school violence prevention and intervention in accordance with section 3004 of the Education Law.

### Dignity for All Students Act Workshop (DASA)

All applicants for certification are required to complete the workshop on bullying and harassment in accordance with Chapter 102 of the Laws of 2012, Article 2 of the Education Law.

Workshops in child abuse identification, school violence prevention and intervention and harassment and bullying are available through Manhattanville's registered programs. For both of these workshops, the entrance will be locked when the workshop begins; late arrivals will not be permitted to enter.

## **Application for the Initial Certificate**

Upon successful completion of the undergraduate degree program and all certification course requirements including the NYS certification workshops (see above), the School of Education will recommend the student for certification for up to one year after the student's graduation from the undergraduate college. The student must complete the online certification application and submit a fingerprinting package to the New York State Education Department.

## **Accommodations for Students with Disabilities and the HELP Program**

If an individual provides the School of Education with documented evidence of a handicapping condition, reasonable accommodations will be provided. The HELP program (Heightening Each Learner's Potential) is designed to assist students with learning disabilities to successfully meet the academic challenges of the Manhattanville College experience. This program offers a full range of services that are individualized to accommodate the needs of each HELP student, such as: One on One Tutoring, Reading and Study Strategies, Writing Support, Organizational Help, Time Management, Active Listening Strategies, Note Taking Techniques, Course Advising, Self-Advocacy Assistance. For more information, contact the Director of the HELP Program: (914) 323-7127.

## **Grievance Procedure for Undergraduate Students**

Students are bound by the policies, procedures and the program requirements cited in the Catalog in use at the time of matriculation. Students may consult the college grievance procedures in the Undergraduate College Catalog.

## **Manhattanville Alumni and Graduate Scholarships**

Manhattanville alumni whose undergraduate degree date is May, 1999 or thereafter and who are matriculated in a Manhattanville Master's program in education within two years of the undergraduate degree date are eligible for scholarship aid of \$1,000 per semester. Students must be registered full-time (9 or more graduate credits).

Graduate scholarships will be awarded to any incoming graduate student who possesses an overall grade point average of 3.2 or higher and registers for nine credits per semester. Students applying to the School of Education Graduate program may be entitled to one of the following academic scholarships for one semester only:

<u>GPA</u>	<u>SCHOLARSHIP</u>	<u>AMOUNT</u>
3.70 – 4.00	Board of Trustees	\$2,000
3.50 – 3.69	Presidents	\$1,500
3.20 – 3.49	Merit Award	\$1,000

Dual-degree (BA/MAT, BA/MPS) students are not eligible for either of these scholarships. If you are a student in a 4-year Bachelor's program, you are eligible for both scholarships.

### **Kappa Delta Pi - Omega Xi Chapter**

Kappa Delta Pi is the international honor society in education. Students become eligible for selection as juniors or seniors if they meet criteria established by the society after completion of 9 education credits with an overall grade point average of 3.25 and 3.4 in their education course work. Besides high academic achievement, an invitation to membership is based on a commitment to education as a career and a professional attitude which assures the member's steady growth in the field of education. Initiation ceremonies are held twice a year.

## BA (E102) Early Childhood Education (B-Gr 2)

Liberal Arts Major: \_\_\_\_\_ Education Major: Early Childhood Education

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE. (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 127 credits in order to graduate with a BA degree in Early Childhood Education.

If other non-liberal arts courses are taken in addition to the EDU courses, more than 127 credits will be required for graduation.

### Courses required for the education major: (40 credits)

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 3017	Foundations of Early Childhood Education	3	FA		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3012	Observing, Assessing and Understanding Child Development: Birth – Grade 2	3	FA		
EDU 3016	The Integrated Curriculum in ECE I: Math, Science and Technology	3	SP		
EDU 3030	Early Literacy	3	FA SP		
NYSTCE Tests	EAS and CST				
EDU 3367	Methods for Teaching Literacy: I	3	FA SP		
EDU 3001*	Understanding & Applying Phonics	1	FA SP		
EDU 3460	The Integrated Curriculum in ECE II: Social Studies, Expressive Arts, Health and Safety	3	FA		
EDU 3452	Strategies for Teaching Young Children and Guiding Their Behavior	3	SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3027	Student Teaching & Seminar in Early Childhood	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

### NY State Certification Requirements (must be completed before graduation).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

## BA (E101) Childhood Education (Gr 1-6)

Liberal Arts Major: \_\_\_\_\_ Education Major: Childhood Education

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE. (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 128 credits in order to graduate with a BA degree in Childhood Education.

If other non-liberal arts courses are taken in addition to the EDU courses, more than 128 credits will be required for graduation.

**Courses required for the Education Major: (40 credits)**

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3380	Curriculum, Management and Assessment in Childhood Education <i>Prerequisite: methods courses</i>	3	FA SP		
EDU 3107	Math Methods for Childhood Education <i>(Prerequisite: a college math course)</i>	3	FA SP		
EDU 3108/09	Childhood Science Education Methods <i>(Prerequisite EDU 3107 and a Sci. course)</i>	3	FA SP		
NYSTCE Tests	EAS and CST				
EDU 3367	Methods for Teaching Literacy: I	3	FA SP		
EDU 3001*	Understanding & Applying Phonics	1	FA SP		
EDU 3112/13	Methods for Childhood Social Studies/the Arts <i>(Prerequisite EDU 3107, EDU 3108 and a History course)</i>	3	FA SP		
EDU 3295	Methods for Teaching Health/Physical Education/Family & Consumer Science	0	FA SP		
EDU 3295A	Childhood Drug Methods	0	FA SP		
EDU 3369	Methods for Teaching Literacy: II	3	FA SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3032	Student Teaching & Seminar Childhood Education <i>Prerequisite: EDU 3380</i>	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

**NY State Certification Requirements (must be completed before graduation).**

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English (Spanish is recommended)		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

## BA (E103) Early Childhood (B-Gr 2) & Childhood Education (Gr 1-6)

Liberal Arts Major: \_\_\_\_\_ Education Major: Early Childhood & Childhood Education

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE. (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 134 credits in order to graduate with a BA degree in Early Childhood and Childhood Education.

If other non-liberal arts courses are taken in addition to the EDU courses, more than 134 credits will be required for graduation.

**Courses required for the Education Major: (46 credits)**

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3012	Observation and Assessment in EC	3	FA		
EDU 3380	Curriculum, Management and Assessment in Childhood Education <i>Prerequisite: methods courses</i>	3	FA SP		
EDU 3016	The Integrated Curriculum in ECE I: Math, Science and Technology	3	SP		
EDU 3001*	Understanding & Applying Phonics	1	FA SP		
NYSTCE Tests	EAS and CST				
EDU 3367	Methods for Teaching Literacy: I	3	FA SP		
EDU 3295	Methods for Teaching Health/PE/Family & Consumer Science	0	FA SP		
EDU 3295A	Childhood Drug Methods	0	FA SP		
EDU 3108/09	Childhood Science Methods	3	FA SP		
EDU 3107	Math Methods for Childhood Education <i>(Prerequisite: a college math course)</i>	3	FA SP		
EDU 3369	Methods for Teaching Literacy: II	3	FA SP		
EDU 3112/13	Methods for Childhood Social Studies/the Arts	3	FA SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3039	Student Teaching & Seminar Early Childhood/Childhood Education	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

**NY State Certification Requirements (must be completed before graduation).**

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

## BA (E203) Middle Childhood/Adolescence Education (Gr 5-12) English

**Liberal Arts Major:** English, with a concentration in English Education (see college catalog)

**Education Major:** English Education

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE. (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 124 credits in order to graduate with a BA degree in English Education.

If other non-liberal arts courses are taken in addition to the EDU courses, more than 124 credits will be required for graduation. Be sure to meet regularly with your English advisor throughout your program.

### Courses required for Education Major: (36 credits plus 6 ENE credits in English Concentration)

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2002 or SSE 2025	Developmental Psychology: Early through Late Adolescence (for Psych majors or minors) OR Child Development and Learning (For all other majors and minors)	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3024	Curriculum & Methodology in Middle Childhood and Adolescence (General)	3	FA		
EDU 3021	English Curriculum & Methodology: Grades 5-12 Pre-req. EDU 3024	3	SP		
EDU 3273	Teaching Literacy Skills in Middle School through Collaborative Study of Social Identity	3	FA		
NYSTCE Tests	EAS and CST				
EDU 3613	Teaching, Writing and Thinking	3	FA SP		
EDU 3376	Fundamentals of Middle Childhood Education	3	FA SP		
ENE 3010	The Linguistics of English (included in English concentration)	3	FA		
ENE 3005	Literature for Adolescents (included in English concentration)	3	FA SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3384	Student Teaching & Seminar: Middle Childhood & Adolescence	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

### NY State Certification Requirements (must be completed before graduation).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

## BA (E204) Middle Childhood/Adolescence Education (Gr 5-12) Mathematics

Liberal Arts Major: Mathematics

Education Major: Mathematics Education

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE. (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 124 credits in order to graduate with a BA degree in Mathematics Education.

If other non-liberal arts courses are taken in addition to the EDU courses, more than 124 credits will be required for graduation.

### Courses required for the Education Major: (36 credits)

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2002 or SSE 2025	Developmental Psychology: Early through Late Adolescence (for Psych majors or minors) OR Child Development and Learning (For all other majors and minors)	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3024	Curriculum & Methodology in Middle Childhood and Adolescence (General)	3	FA		
EDU 3022	Mathematics Curriculum & Methodology: Grades 5-12 Pre-req. EDU 3024	3	SP		
EDU 3376	Fundamentals of Middle Childhood Education	3	FA SP		
NYSTCE Tests	EAS and CST				
EDU 3278	Literacy in the Content Areas	3	FA SP		
EDU 3237	Problem Solving in Mathematics	3	FA		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3384	Student Teaching & Seminar: Middle Childhood & Adolescence	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

### NY State Certification Requirements (must be completed before graduation).

COURSE #	Course Title	Cr.	Semester	Year	Grade
MATH2075	Probability	3	FA		
MAC2085	Discrete Mathematics or Computer science	4			
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

Courses in the math major must be a C or above.



**BA (E205) Middle Childhood/Adolescence Education (Gr 5-12) Social Studies Liberal Arts Major: History, with a concentration in Social Studies (see college catalog)**

**Education Major: Social Studies Education**

**A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE. (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 124 credits in order to graduate with a BA degree in Social Studies Education. If other non-liberal arts courses are taken in addition to the EDU courses, more than 124 credits will be required for graduation.**

**Courses required for the Education Major: (36 credits)**

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 1004	Fundamentals of Psychology	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3024	Curriculum & Methodology in Middle Childhood and Adolescence (General)	3	FA		
EDU 3020	Social Studies Curriculum & Methodology: Grades 5-12 Pre-req. EDU 3024	3	SP		
EDU 3376	Fundamentals of Middle Childhood Education	3	FA SP		
NYSTCE Tests	EAS and CST				
EDU 3273	Teaching Literacy Skills in Middle School through Collaborative Study of Social Identity	3	FA		
EDU 3278	Literacy in the Content Areas	3	FA SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3384	Student Teaching & Seminar: Middle Childhood & Adolescence	12	FA SP		

**Courses required in the Social Studies concentration:**

COURSE #	Course Title	Cr.	Semester	Year	Grade
SOC.....	A course in Cultural Diversity	3			
POS 1031	Introduction to American Government	3			
INS 2050	Environmental Geography	3			
ECO 1011	Principles of Economics I	3			
ECO 1012	Principles of Economics II	3			
POS 3081	Public Policy of Science and Technology	3			
POS 2011, 2003, OR 3012	Comparative Politics, Introduction to Political Thought, OR Environmental Politics	3			
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

**NY State Certification Requirements (must be completed before graduation).**

COURSE#	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
(E205)	N.Y. State Tests	0	Date:		P F
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

## BA (E201, E202) Middle Childhood/Adolescence Education Science (Biology or Chemistry (Gr 5-12) or Physics (Gr 7-12)

**Liberal Arts Major:** Biology or Chemistry

**Education Major:** Science Education

**A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.** (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 124 credits in order to graduate with a BA degree in Biology or Chemistry Education.

If other non-liberal arts courses are taken in addition to the EDU courses, more than 124 credits will be required for graduation.

### Courses required for the Education Major: (36 credits)

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2002 or SSE 2025	Developmental Psychology: Early through Late Adolescence (for Psych majors or minors) OR Child Development and Learning (For all other majors and minors)	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3024	Curriculum & Methodology in Middle Childhood and Adolescence (General)	3	FA		
EDU 3023	Science Curriculum & Methodology: Grades 5-12 <i>Prerequisite EDU 3024</i>	3	SP		
EDU 3376	Fundamentals of Middle Childhood Education	3	FA SP		
NYSTCE Tests	EAS and CST				
EDU 3278	Literacy in the Content Areas	3	FA SP		
EDU 3359	Problem Based Learning	3	SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3384	Student Teaching & Seminar: Middle Childhood & Adolescence	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

### NY State Certification Requirements (must be completed before graduation).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

**BA (E206, E207, E208, E209) Adolescence Education (Gr 7-12) Foreign Language (French, Italian, Latin, Spanish )**

**Liberal Arts Major: Spanish, French, Romance Language or Classics; or self-designed major in Italian language and literature (Students must have 30 credits in the language to be taught.)**

**Education Major: Foreign Language Education**

**A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE. (EDU courses and some others are not considered to be liberal arts courses.) Students will, therefore, need a minimum of 124 credits in order to graduate with a BA degree in Second Language Education. If other non-liberal arts courses are taken in addition to the EDU courses, more than 124 credits will be required for graduation.**

**\*The OPI (Oral Proficiency Interview) must be passed with a score of Advanced-Low before student teaching.**

**Courses required for the Education Major: (36 credits)**

<b>COURSE #</b>	<b>Course Title</b>	<b>Cr.</b>	<b>Semester</b>	<b>Year</b>	<b>Grade</b>
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2002 or SSE 2025	Developmental Psychology: Early through Late Adolescence (for Psych majors or minors) OR Child Development and Learning (For all other majors and minors)	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3024	Curriculum & Methodology in Middle Childhood and Adolescence (General)	3	FA		
EDU 3028 <u>OR</u> EDU 5204	Curriculum & Methodology: Second Language <u>OR</u> Methods and Materials for Second Language Instruction Pre-req. EDU 3024	3	FA SP FA SP		
EDU 3376	Fundamentals of Middle Childhood Education	3	FA SP		
NYSTCE Tests	EAS and CST				
EDU 3245	Methods of Foreign Language in The Grades	3	FA		
EDU 3205	Integrating Culture, Literature and Literacy in the Second Language Classroom	3	SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3384	Student Teaching & Seminar: Middle Childhood & Adolescence	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

**NY State Certification Requirements (must be completed before graduation).**

<b>COURSE #</b>	<b>Course Title</b>	<b>Cr.</b>	<b>Semester</b>	<b>Year</b>	<b>Grade</b>
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	* Pass the Oral Proficiency Interview (OPI)				
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

## BFA (E301) Visual Arts Education (All Grades)

Major: Studio Art

Education Minor: Art Education

A TOTAL OF 30 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BFA DEGREE. (Neither EDU courses nor Studio Art courses are considered to be liberal arts courses.)

If other non-liberal arts courses are taken in addition to the EDU courses and the required Studio Art courses, more than 120 credits will be required for graduation.

For Art Course Requirements see the College Catalog or the Art Department Handbook.

### Courses required for the Education Minor: (33 credits)

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
SSE 2025	Child Development and Learning	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3034	Art Education Workshop: Childhood Through Adolescence	3	SP		
EDU 3370	Aesthetic Literacy	3	FA		
EDU 3278	Literacy in the Content Areas	3	FA SP		
EDU 3316	Beyond Teaching: Organizational and Management Strategies for the Beginning Art Teacher <i>Prerequisites: EDU 3367 and EDU 3034</i>	3	SP		
NYSTCE Tests	EAS and CST				
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3390	Student Teaching & Seminar in Art Education	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

### NY State Certification Requirements (must be completed before graduation).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in communication		FA SP		
ARH ____	A course in History (3 cr.) (modern art history)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

## BMUS (E302) Music Education (All Grades)

Major: Music Education (No additional major or minor is required for this program.)

For Music Course Requirements see Music Department Handbook.

### Required Education and Psychology Courses: (41 credits)

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
SSE 2025	Child Development and Learning	3	FA SP		
EDU 2010	Educating Learners with Diverse Needs	3	FA SP		
EDU 3370	Aesthetic Literacy	3	FA		
EDU 3278	Literacy in the Content Areas	3	FA SP		
MUE 2067*	Instrumental Rudiments III:Brass	2	FA		
MUE 2068	Instrumental Rudiments IV: Woodwinds	2	SP		
MUE 2070	Instrumental Rudiments II: Strings	2	FA SP		
MUE 2090	Conducting	2	SP		
NYSTCE Tests	EAS and CST				
MUE 3054	Music Curriculum and Pedagogy I: Childhood	3	FA		
MUE 3057	Music Curriculum and Pedagogy II: Adolescence	3	SP		
<b>Fingerprinting and NYS certification workshops must be completed prior to Student Teaching</b>					
EDU 3387	Student Teaching and Seminar: Music Education	12	FA SP		
<i>To be completed by the end of student teaching semester: edTPA Student Teaching Assessment</i>					

\* All MUE/MUA/MUH/MUT courses **MUST BE** approved by your music advisor

**NY State Certification Requirements (must be completed before graduation).**

COURSE #	Course Title	Cr.	Semester	Year	Grade
# MTR 1011-12	A course in communication		FA SP		
# MUH 3011	A course in History (3 cr.)		FA		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	A course in Written Analysis and Expression		FA SP		
	EDU 5260 Child Abuse Workshop	0	FA SP		P F
	EDU 5373 Violence Prevention Workshop	0	FA SP		P F
	EDU 5598 DASA Workshop	0	FA SP		P F

# These courses may be used to meet the certification requirements.

## BA/MAT (E102) Early Childhood Education (B-Gr 2)

**Liberal Arts Major:** \_\_\_\_\_

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BA degree and the MAT degree.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 3017	Foundations of Early Childhood Education	3	FA		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5307 *	Observing, Assessing and Understanding Child Development: Birth – Grade 2	3	FA		
EDU 5413 *	Early Literacy	3	FA SP		
EDU 5298 *	Inclusive Practices in Early Childhood Education	3	SP		
EDU 5323 *	The Integrated Curriculum in ECE I: Math, Science and Technology	3	FA		
EDU 5460 *	The Integrated Curriculum in ECE II: Social Studies, Expressive Arts, Health and Safety	3	SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BA/MAT students will complete the remaining 21 credits of their 36 credit MAT program in Early Childhood Education after completion of the BA degree. They will become eligible for state certification in Early Childhood Education upon completion of the MAT degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.**

\***Asterisks** indicate graduate courses that will be counted toward both the BA and MAT degrees for honors Dual Degree candidates

(E102)

## BA/MAT (E101) Childhood Education (Gr 1-6)

**Liberal Arts Major:** \_\_\_\_\_

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BA degree and the MAT degree.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5380 *	Curriculum, Management and Assessment in Childhood Education	3	FA SP		
EDU 5107 *	Childhood Math Methods ( <i>prerequisite is a college math course</i> )	3	FA SP		
EDU 5108 *	Childhood Science Methods	3	FA SP		
EDU 5112/5113 *	Childhood Social Studies and the Arts	3	FA SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BA/MAT students will complete the remaining 22 credits of their 37 credit MAT program in Childhood Education after completion of the BA degree. They will become eligible for state certification in Childhood Education upon completion of the MAT degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.**

(E101)

**\*Asterisks** indicate graduate courses that will be counted toward both the BA and MAT degrees for honors Dual Degree candidates

## BA/MAT (E103) Early Childhood (B-Gr 2) & Childhood Education (Gr1-6)

**Liberal Arts Major:** \_\_\_\_\_

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BA degree and the MAT degree.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5380 *	Curriculum, Management and Assessment in Childhood Education	3	FA SP		
EDU 5112/5113 *	Childhood Social Studies and the Arts	3	FA SP		
EDU 5307 *	Observing, Assessing and Understanding Child Development: Birth – Grade 2	3	FA SP		
EDU 5323 *	The Integrated Curriculum in ECE: Math, Science and Technology	3	FA		

### NY State Certification Requirements (must be completed within the undergraduate program)

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BA/MAT students will complete the remaining 28 credits of their 43 credit MAT program in Early Childhood and Childhood Education after completion of the BA degree. They will become eligible for state certification in Early Childhood and Childhood Education upon completion of the MAT degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.**

(E103)

**\*Asterisks** indicate graduate courses that will be counted toward both the BA and MAT degrees for honors Dual Degree candidates



**BA/MAT (E203, E201, E202, E204, E205, E206, E207, E208, E209) Middle Childhood/Adolescence Education (Gr 5-12) in English, Biology, Chemistry, Mathematics, Social Studies, French, Spanish, Latin or Italian.**

**Liberal Arts Major: (must be in the Content Area) *English with concentration in English Education, Biology, Chemistry, Mathematics, History with concentration in Social Studies, French, Spanish, Classics or Italian Literature***

**A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.**

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BA degree and the MAT degree.

**Candidates will student teach only once, during the fifth year.**

**Courses to be taken during the undergraduate program:**

<b>COURSE #</b>	<b>Course Title</b>	<b>Cr.</b>	<b>Semester</b>	<b>Year</b>	<b>Grade</b>
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2002 or SSE 2025 (PSY 1004 for Social Studies candidates only)	Developmental Psychology: Early through Late Adolescence (for Psych majors or minors) OR Child Development and Learning (For all other majors and minors). All candidates <u>except</u> in the Social Studies program must take PSY 2002 or SSE 2025. (Social Studies candidates must take PSY 1004 Fundamentals of Psychology.)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5374 *	Curriculum & Methodology in Middle Childhood and Adolescence (General)	3	FA SP		
One of the following: EDU 5407 * or EDU 5377 * or EDU 5403 * or EDU 5411 * or EDU 5206 *	Curriculum & Methodology in Grades 5-12  English, Science, Mathematics, Social Studies, or Methods of Teaching a Language other than English	3	SP SP SP SP FA SP		
EDU 5387 *	Fundamentals of Middle Childhood Education	3	FA SP		
EDU 5201 * or EDU 5026 *	Principles of Language Learning & Teaching (for Second Language candidates ONLY) Reading in the Content Areas (for all EXCEPT those in Second Language)	3	FA FA SP		

**Courses required in the liberal arts majors and concentrations:**

<b>COURSE #</b>	<b>Course Title</b>	<b>Cr.</b>	<b>Semester</b>	<b>Year</b>	<b>Grade</b>
<b>English</b>					
ENE 3005	Literature for Adolescents	3			
ENE 3010	Linguistics of English: Past, Present, Future	3			
<b>Social Studies</b>					
SOC.....	A course in Cultural Diversity	3			
POS 1031	Introduction to American Government	3			

INS 2050	Environmental Geography	3			
ECO 1011	Principles of Economics I	3			
ECO 1012	Principles of Economics II	3			
POS 3081	Public Policy of Science and Technology	3			
POS 2011, 2003, OR 3012	Comparative Politics, Introduction to Political Thought, OR Environmental Politics	3			
<b>Mathematics</b>					
MATH 2075	Probability	3			
MAC 2085	Discrete Mathematics	3			
<b>Biology</b>					
	6 credits in Chemistry as required in the major	6			
<b>Chemistry</b>					
	6 credits in Physics as required in the major	6			

**NY State Certification Requirements (must be completed before graduation).**

**Completion of an undergraduate math degree from Manhattanville satisfies the content core for certification.**

COURSE #	Course Title	Cr.	Semester	Year	Grade
<i>Math candidates: To meet new requirements for Probability and History of Math, Math candidates must take: MATH 2075 Probability and MAC2085 Discrete Mathematics</i>					
<b>All Candidates:</b>	A course in Artistic Expression		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BA/MAT students will complete the remaining 24 credits of their 39 credit MAT program in Middle Childhood & Adolescence Education after completion of the BA degree. They will become eligible for state certification upon completion of the MAT degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.**

**\*Asterisks** indicate graduate courses that will be counted toward both the BA and MAT degrees for honors Dual Degree candidates

## BFA/MAT (E301) Visual Arts Education (All Grades)

Major: Studio Art

Minor: Liberal Arts Minor

For Art Course Requirements see the College Catalog or the Art Department Handbook.

This program leads to certification in Art Education upon completion of the MAT degree. The MAT degree will be completed in the summer, fall and spring of the fifth year. **Candidates will student teach only once, during the fifth year.**

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BFA degree and the MAT degree.

### Courses to be taken for the Art Education Minor:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
SSE 2025	Child Development and Learning	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5391	Aesthetic Literacy	3	FA		
EDU 5026	Literacy in the Content Areas	3	FA SP		
EDU 5379 *	Art Education Workshop: Early Childhood through Adolescence	3	SP		
EDU 5316 *	Beyond Teaching: Organization & Management Strategies for the Beginning Art Teacher <i>Prerequisites: EDU 5367 and EDU 5379</i>	3	SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	A course in Written Analysis and Expression		FA SP		

For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.

(E301)

\*Asterisks indicate graduate courses that will be counted toward both the BFA and MAT degrees for honors Dual Degree candidates

## BMUS/MAT (E302) Music Education (All Grades)

Major: Music Education (No additional major or minor is required for this program.)

For Music Course Requirements see Music Department Handbook

This program now leads to certification in Music Education only after completion of the MAT degree. The MAT degree may be completed in the summer, fall and spring of the fifth year. Candidates will student teach only once, in the fifth year.

### Education and Psychology Courses to be taken for the BMus degree: (33 credits)

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
SSE 2025	Child Development and Learning	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5391	Aesthetic Literacy	3	FA		
EDU 5026	Literacy in the Content Areas	3	FA SP		
MUE 2067	Instrumental Rudiments III: Brass	2	FA		
MUE 2068	Instrumental Rudiments IV: Woodwinds	2	SP		
MUE 2070	Instrumental Rudiments II: Strings	2	FA SP		
MUE 2090	Conducting	2	SP		
MUE 5054 *	Music Curriculum and Pedagogy I: Childhood	3	FA		
MUE 5057 *	Music Curriculum and Pedagogy II: Adolescence	3	SP		
MUH 3997-3998	Music Senior Seminar & Projects	4	FA SP		

### NY State Certification Requirements (must be completed by the time of graduation).

COURSE #	Course Title	Cr.	Semester	Year	Grade
MUTR 1011-12	A course in communication		FA SP		
MUH 3011	A course in History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	A course in Written Analysis and Expression		FA SP		
(E302)	Child Abuse Seminar (student teaching semester)	0	FA SP		P F
	Violence Prevention Seminar (student teaching semester)	0	FA SP		P F
	Fingerprinting	0	FA SP		N/A

For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.

## BS/MAT (E102) Early Childhood Education (B-Gr 2)

### Liberal Arts Major: Behavioral Studies

A TOTAL OF 60 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BS DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BS degree and the MAT degree.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 3017	Foundations of Early Childhood Education	3	FA		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5217 *	Working with Parents in Inclusive Schools	3	FA		
EDU 5413 *	Early Literacy	3	FA SP		
EDU 5307 *	Observing, Assessing and Understanding Child Development: Birth – Grade 2	3	FA SP		
EDU 5323 *	The Integrated Curriculum in ECE: Math, Science and Technology	3	FA		
EDU 5452 *	Strategies for Teaching Young Children and Guiding Their Behavior	3	FA SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BS/MAT students will complete the remaining 21 credits of their 36 credit MAT program in Early Childhood Education after completion of the BS degree. They will become eligible for state certification in Early Childhood Education upon completion of the MAT degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.**

(E102)

**\*Asterisks** indicate graduate courses that will be counted toward both the BS and MAT degrees for honors Dual Degree candidates

## BS/MAT (E101) Childhood Education (Gr 1-6)

### Liberal Arts Major: Behavioral Studies

A TOTAL OF 60 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BS DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BS degree and the MAT degree. \*Asterisks indicate graduate courses that may be counted toward both the BS and MAT degrees. **Candidates will student teach only once, during the fifth year.**

#### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5380 *	Curriculum, Management and Assessment in Childhood Education	3	FA SP		
EDU 5107 *	Childhood Math Methods ( <i>prerequisite is a college math course</i> )	3	FA SP		
EDU 5108 *	Childhood Science Methods	3	FA SP		
EDU 5112/5113 *	Childhood Social Studies and the Arts	3	FA SP		

#### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BS/MAT students will complete the remaining 22 credits of their 37 credit MAT program in Childhood Education after completion of the BS degree. They will become eligible for state certification in Childhood Education upon completion of the MAT degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.**

(E101)

\***Asterisks** indicate graduate courses that will be counted toward both the BS and MAT degrees for honors Dual Degree candidates

## BS/MAT (E103) Early Childhood (B-Gr 2) and Childhood Education (Gr 1-6)

### Liberal Arts Major: Behavioral Studies

A TOTAL OF 60 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BS DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that may count toward both the BS degree and the MAT degree.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA		
EDU 5380 *	Curriculum, Management and Assessment in Childhood Education	3	FA SP		
EDU 5112/5113 *	Childhood Social Studies and the Arts	3	FA SP		
EDU 5307 *	Observation and Assessment in Early Childhood	3	FA		
EDU 5323 *	The Integrated Early Childhood Curriculum I	3	SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BS/MAT students will complete the remaining 28 credits of their 48 credit MAT program in Early Childhood and Childhood Education after completion of the BS degree. They will become eligible for state certification in Early Childhood and Childhood Education upon completion of the MAT degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MAT degree requirements, please consult the Graduate Education Catalog.**

(E103)

**\*Asterisks** indicate graduate courses that will be counted toward both the BS and MAT degrees for honors Dual Degree candidates

## BA/MPS (E709) Early Childhood (B-Gr 2) & Special Education: Early Childhood (B-Gr 2)

Liberal Arts Major: \_\_\_\_\_

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.

The following courses are to be taken during the undergraduate program. They include 5 graduate courses that will count toward both the BA degree and the MPS degree.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 3017	Fundamentals of Early Childhood Education	3	FA		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5307 *	Observation and Assessment in Early Childhood	3	FA		
EDU 5323 *	The Integrated Early Childhood Curriculum I	3	FA		
EDU 5298 *	Inclusive Practices in Early Childhood Education	3	SP		
EDU 5088 *	Introduction Students with Learning and Behavior Problems	3	FA SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BA/MPS students will complete the remaining 34 credits of their 49 credit MPS program in Early Childhood Education and Special Education: Early Childhood after completion of the BA degree. They will become eligible for state certification in Early Childhood Education and Special Education: Early Childhood upon completion of the MPS degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MPS degree requirements, please consult the Graduate Education Catalog.**

(E709)

**\*Asterisks** indicate graduate courses that will be counted toward both the BA and MPS degrees for honors Dual Degree candidates



## BA/MPS (E701) Childhood Education (Gr 1-6) & Special Education: Childhood (Gr 1-6)

Liberal Arts Major: \_\_\_\_\_

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.

The following courses are to be taken during the undergraduate program. They include 5 graduate courses that will count toward both the BA degree and the MPS degree.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5380 *	Curriculum, Management and Assessment in Childhood Education	3	FA SP		
EDU 5108 *	Childhood Science methods ( <i>prerequisite EDU 5107</i> )	3	FA SP		
EDU 5112/5113 *	Childhood Social Studies and the Arts	3	FA SP		
EDU 5088 *	Introduction Students with Learning and Behavior Problems	3	FA SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BA/MPS students will complete the remaining 30 credits of their 45 credit MPS program in Childhood Education and Special Education: Childhood after completion of the BA degree. They will become eligible for state certification in Childhood Education and Special Education: Childhood upon completion of the MPS degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MPS degree requirements, please consult the Graduate Education Catalog.**

(E701)

**\*Asterisks** indicate graduate courses that will be counted toward both the BA and MPS degrees for honors Dual Degree candidates

**BA/MPS (E704A, E702A, E703A, E705A, E706A) Middle Childhood/Adolescence Education (English, Biology, Chemistry, Mathematics or Social Studies) (Gr 5-12) and Special Education (Gr 7-12)**

**Liberal Arts Major (must be in the Content Area): Liberal Arts Major: (must be in the Content Area) *English with concentration in English Education, Biology, Chemistry, Mathematics, History with concentration in Social Studies, French, Spanish, Classics or Italian Literature***

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that will count toward both the BA degree and the MPS degree.

**Candidates will student teach only once, during the fifth year.**

**Courses to be taken during the undergraduate program:**

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2002 or SSE 2025 (PSY 1004 - Social Studies only)	Developmental Psychology: Early through Late Adolescence (for Psych majors or minors) OR Child Development and Learning (For all other majors and minors) All candidates <u>except</u> in the Social Studies program must take PSY 2002 or SSE 2025. (Social Studies candidates must take PSY 1004 Fundamentals of Psychology.)	3	FA SP		
EDU 5393 * +	Foundations of Special Education	3	FA SP		
EDU 5374 * +	Curriculum & Methodology in Middle Childhood and Adolescence (General)	3	FA SP		
One of the following: EDU 5407 * or EDU 5377 * or EDU 5403 * or EDU 5411 * or EDU 5204 *	Curriculum & Methodology in Grades 5-12  English, Science, Mathematics, Social Studies, or Second Language Instruction	3	SP SP SP SP FA SP		
EDU 5088	Introduction to Students with Learning and Behavior Problems		FA SP		
EDU 5201 * or EDU 5026 *	Principles of Language Learning & Teaching (for Second Language candidates ONLY) Reading in the Content Areas (for all EXCEPT those in Second Language)	3	FA FA SP		

**Courses required in the liberal arts majors and concentrations:**

COURSE #	Course Title	Cr.	Semester	Year	Grade
<b>English</b>					
ENE 3005	Literature for Adolescents	3			
ENR 3010	Linguistics of English: Past, Present, Future	3			
<b>Social Studies</b>					
SOC.....	A course in Cultural Diversity	3			
POS 1031	Introduction to American Government	3			
INS 2050	Environmental Geography	3			

ECO 1011	Principles of Economics I	3			
ECO 1012	Principles of Economics II	3			
POS 3081	Public Policy of Science and Technology	3			
POS 2011, 2003, OR 3012	Comparative Politics, Introduction to Political Thought, OR Environmental Politics	3			
<b>Mathematics</b>					
MATH 2075	Probability	3			
MATH 3008	History of Math (OR <i>write 4 Math History papers in connection with 4 Math courses to be submitted to the Education department</i> ).	3			
<b>Biology</b>					
	6 credits in Chemistry as required in the major	6			
<b>Chemistry</b>					
	6 credits in Physics as required in the major	6			

**NY State Certification Requirements (must be completed before graduation.)**

COURSE #	Course Title	Cr.	Semester	Year	Grade
<i>All candidates:</i>	A course in Artistic Expression		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in communication		FA SP		
	A course in History (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		

BA/MPS students will complete the remaining 32 credits of their 47 credit MPS program in Adolescence Education (with Extension in grades 5-6) and Special Education: Middle Childhood and Adolescence after completion of the BA degree. They will become eligible for state certification upon completion of the MPS degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MPS degree requirements, please consult the Graduate Education Catalog.**

(BIO&SE E702; CHEM&SE E703; ENGLISH&SE E704; MATH&SE E705; SOCST&SE E706)

**\*Asterisks** indicate graduate courses that will be counted toward both the BA and MPS degrees for honors Dual Degree candidates

## BA/MPS (E602) TESOL - Teaching English as a Second Language (All Grades)

Liberal Arts Major: \_\_\_\_\_

A TOTAL OF 90 LIBERAL ARTS CREDITS IS REQUIRED FOR THE BA DEGREE.

The following education courses are to be taken during the undergraduate program. They include 5 graduate courses that will count toward both the BA degree and the MPS degree.

All international students must demonstrate English Language Proficiency prior to admission. This will be determined by completing the TOEFL exam with a score of 600 (computer score 230) or higher.

**Candidates will student teach only once, during the fifth year.**

### Courses to be taken during the undergraduate program:

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3	FA SP		
PSY 2001 or SSE 2025	Developmental Psychology: Birth through Late Childhood (for Psych majors or minors) OR Child Development and Learning (for all other majors and minors)	3	FA SP		
EDU 5393 *	Foundations of Special Education	3	FA SP		
EDU 5200 *	Structure of English	3	FA		
EDU 5204 *	Methods of Teaching ESL	3	FA SP		
EDU 5216 *	Cultural Perspectives for Educators	3	SP		
EDU 5____ *	Education Elective	3	FA SP		

### NY State Certification Requirements (must be completed within the undergraduate program).

COURSE #	Course Title	Cr.	Semester	Year	Grade
	A course in Artistic Expression		FA SP		
	A course in Communication		FA SP		
	A course in American History (3 cr.)		FA SP		
	A course in Literature (3 cr.)		FA SP		
	A course in Science (3 cr.)		FA SP		
	A course in Mathematics (3 cr.)		FA SP		
	A research paper course		FA SP		
	12 credits of coursework in a Language other than English		FA SP		

BA/MPS students will complete the remaining 24 credits of their 39 credit MPS program in Teaching of English as a Foreign Language after completion of the BA degree. They will become eligible for state certification in Teaching of English as a Foreign Language upon completion of the MPS degree.

**For a complete list of all the remaining courses, state tests, student teaching and other MPS degree requirements, please consult the Graduate Education Catalog.**

(E602)

**\*Asterisks** indicate graduate courses that will be counted toward both the BA and MPS degrees for honors Dual Degree candidates

## SuperStart (SUPST) option for students who wish to prepare for the MAT program in Physical Education and Sports Pedagogy

The **SuperStart program** is designed for undergraduate students interested in completing an MAT in Physical Education and Sport Pedagogy. SuperStart students should apply through the graduate admissions office for the MAT in Physical Education and Sports Pedagogy by October 1 of the senior year. An undergraduate cumulative GPA of 3.0 or better is required for admission to MAT programs.

The MAT in Physical Education and Sport Pedagogy has certain Liberal Arts requirements as well as additional prerequisite courses needed for New York State Teacher Certification. Students are advised to try to meet the Liberal Arts requirements during the undergraduate program.

### **New York State Liberal Arts Requirements for physical education (may be completed within the undergraduate level).**

COURSE #	Course Title	Cr.	Semester	Year	Grade
	One course in Visual or Performing Arts		FA SP		
	One course in Communication		FA SP		
	One course in History	3	FA SP		
	One course in Literature	3	FA SP		
	One course in Science	3	FA SP		
	One course in Mathematics	3	FA SP		
	One year or the equivalent of coursework in a Language other than English		FA SP		
	One course in information retrieval		FA SP		

To prepare to meet the additional prerequisites, the undergraduate student can enroll in **one or more** of the following courses during the BA program, depending on the number of free elective credits available in their major (students must check with their major advisor). Students whose schedule does not allow for these additional courses can complete them while enrolled in the graduate program in addition to the 39 graduate credits in the MAT program.

### **Prerequisite courses, of which one or more may be taken during the undergraduate program:**

COURSE #	Course Title	Cr.	Semester	Year	Grade
EDU 2000	Fundamentals of Schools and Teaching	3			
SSE 2025	Child Development and Learning	3			
EDU 3367 OR EDU 3278	Methods for Teaching Literacy I  Literacy in the Content Areas	3			
Two of the following courses: BIO I, BIO 2, BIO 3007 Human Anatomy and Physiology, DTH 3645 Anatomy and Kinesiology OR (for Juniors and Seniors only) MPE 5542 and MPE 5545		6-8			
BIO 2008 Nutrition OR (for Juniors and Seniors only) MPE 5546 Sports Nutrition		3			
October 1st of senior year you should apply to graduate admissions					

SuperStart students will complete the remaining 39 graduate credit MAT program in Physical Education and Sport Pedagogy after completion of the BA degree. They may become eligible for state certification in Physical Education grades K-12 upon completion of the MAT degree.

## **Equal Employment Opportunity and Affirmative Action Policy**

Manhattanville College does not discriminate on the basis of sex, sexual orientation, race creed, national origin, age, marital status or handicap. This policy applies to access to all activities and programs under the College sponsorship as well as to application and selection for admission, employment and all other personal procedures within the College. Consistent with the requirements of Title IX of the Education Amendments of 1972, as amended, and Part 86 of 45 C.F.R., Manhattanville College does not discriminate on the basis of sex in the conduct of its education programs or activities (including employment therein and admission thereto).

Inquiries concerning the application of Title IX and Part 86 of 45 C.F.R. may be referred to

Provost  
2900 Purchase Street  
Purchase, N.Y. 10577  
(914) 323-5208

Or

The Director, Office of Civil Rights (Region II)  
26 Federal Plaza  
New York, N.Y. 10007

*Every effort has been made to ensure the accuracy of the information in this catalog; however, courses and programs are subject to change. Students are advised to consult the latest Course Schedule when registering for any course and/or faculty changes. The schedule can also be found on our website at [www.mville.edu](http://www.mville.edu). Additional information on campus activities, programs and deadline dates can be found on the website. For further information about the College, please write or phone the Admissions Office and request a copy of the undergraduate prospectus.*

# EDUCATION COURSE DESCRIPTIONS

## **EDU 2000 Fundamentals of Schools and Teaching 3 cr.**

Develop the knowledge, skills and attitudes necessary to benefit from a full-time, field-centered, competency-based program of teacher education. Explore the history, philosophy and role of education as well as the rights and responsibilities of teachers and other professional staff, students, parents, community members, school administrators and others. Focus on philosophical, social and psychological issues in contemporary education from theoretical and practical perspectives. Field experience required.

## **EDU 2010 Educating Children With Diverse Needs 3 cr.**

This course provides an overview of the field of special education with a focus on educational laws which provide for the identification of individuals with disabilities, the process of determining entitlements to special education services, and the models of teaching that educate children in the least restrictive environment under the umbrella of IDEA and NCLB. The course provides an overview of teaching strategies that addresses students with a broad spectrum of disabilities in multi-cultural school environments included under IDEA. The course will address the special needs of ELLs and students from different cultural settings. Fifteen hours of field experiences in diverse settings provide teacher candidates with opportunities to integrate educational theory with instructional practices.

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

## **EDU 3012 Observing, Assessing and Understanding Child Development: Birth - Grade 2 3 cr.**

Investigate formal and informal methods of assessing students' learning, including observational techniques; and evaluate one's own instructional practice. Develop skill in using information gathered through observation and assessment to plan and modify instruction. Field experience required.

*Prerequisite: EDU.2000 or EDU.3017 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

## **EDU 3016 The Integrated Curriculum in ECE I: Math, Science and Technology 3 cr.**

Examine the evolving early childhood curriculum. Focus on the design of curricula that integrate language arts, mathematics, science, instructional and assistive technology, and expressive arts in a holistic framework. Explore ways of teaching young children about health, physical education, and family and consumer sciences. Examine numerous research-validated instructional strategies for teaching students with the full range of abilities. Fieldwork is required.

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

## **EDU 3017 Foundations of Early Childhood Education 3 cr.**

This course is an introduction to the historical, philosophical, and cultural roots of early childhood education including traditional, current and innovative models for early childhood programs. Fieldwork is required.

## **EDU 3020 Social Studies Curriculum and Methodology: Grades 5-12 3 cr.**

Explore approaches to assessment, curriculum planning and instruction at the middle childhood and adolescent levels for Social Studies education. Become familiar with the New York State Learning Standards in Social Studies. Learn to use technology (including assistive technology) as well as a broad range of teaching methods and materials that will allow middle childhood and adolescent students within the full range of abilities to master the learning standards for your discipline. Emphasis will be placed on methods of reading enrichment and/or remediation to assure students' academic success.

*Take EDU.2000.*

## **EDU 3021 English Curriculum and Methodology: Grades 5-12 3 cr.**

Explore approaches to assessment, curriculum planning and instruction at the middle childhood and adolescent levels for English Language Arts. Become familiar with the New York State Learning Standards in Language Arts. Learn to use technology (including assistive technology) as well as a broad range of teaching methods and materials that will allow middle childhood and adolescent students within the full range of abilities to master the learning standards for your discipline. Emphasis will be placed on methods of reading enrichment and/or remediation to assure students' academic success.

*Take EDU.2000.*

## **EDU 3022 Mathematics Curriculum and Methodology: Grades 5-12 3 cr.**

Explore approaches to assessment, curriculum planning and instruction at the middle childhood and adolescent levels in Mathematics education. Become familiar with the New York State Learning Standards in Mathematics,

Science, and Technology. Prepare lesson plans for Algebra, Geometry and Probability lessons. Learn to use technology (including assistive technology) as well as a broad range of teaching methods and materials that will allow middle childhood and adolescent students within the full range of abilities to master the learning standards for mathematics. Emphasis will be placed on methods of reading enrichment and/or remediation to assure students academic success.

Take EDU.2000.

**EDU 3023 Science Curriculum and Methodology: Grades 5-12 3 cr.**

Explore approaches to assessment, curriculum planning and instruction at the middle childhood and adolescent levels for Science education. Become familiar with the New York State Learning Standards in Math, Science, and Technology. Learn to use technology (including assistive technology) as well as a broad range of teaching methods and materials that will allow middle childhood and adolescent students within the full range of abilities to master the learning standards for your discipline. Emphasis will be placed on methods of reading enrichment and/or remediation to assure students' academic success.

Take EDU.2000.

**EDU 3024 Curriculum & Methodology in Middle Childhood and Adolescence Education: General 3 cr.**

Explore curriculum approaches, teaching and assessment strategies, classroom management, and other critical issues in teaching at the adolescent level. Become familiar with the ways in which middle and high schools function, both within their buildings and within their broader communities. Focus on the critical need to integrate methods of reading enrichment and remediation across the middle childhood curriculum.

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

**EDU 3027 Student Teaching & Seminar: Early Childhood Education 12 cr.**

Develop your teaching skills in a full-time, twelve-week, supervised student teaching experience at the early childhood level. Fulfill your requirements for New York State initial certification.

*Completion of all education courses, PSY.2001, approval of the Office of Field Placement, Certification and Community Outreach.*

**EDU 3028 Second Language Curriculum and Methodology (grades 5-12) 3 cr.**

Integrate language learning and theory into classroom practice. Develop instructional techniques and survey materials for promoting the four language skills of listening comprehension, speaking, reading and writing.

Take EDU.2000.

**EDU 3030 Early Literacy 3 cr.**

Examine current approaches to beginning reading instruction, familiarizing the student with specific materials and methodology. Explore the concepts of emergent literacy, reading readiness, sign word recognition, schema building, phonics, phonemic awareness, structural analysis, configuration clues, programmed instruction and language experience approach. (Literacy Course)

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

**EDU 3032 Student Teaching & Seminar: Childhood Education 12 cr.**

Develop your teaching skills in a full-time, twelve-week, supervised student teaching experience at the childhood level. Fulfill your requirements for New York State initial certification.

*Completion of all education courses, PSY.2001, and approval by the Office of Field Placement, Certification and Community Outreach.*

**EDU 3034 Art Education Workshop: Early Childhood Through Adolescence 3 cr.**

As an art education student, analyze the creative aesthetic process from early childhood through adolescence and learn from an overview of the objectives of contemporary art education.

Take EDU.2000.

**EDU 3039 Student Teaching & Seminar: Early Childhood/Childhood Education 12 cr.**

Develop your teaching skills in a full-time, twelve-week, supervised student teaching experience at divided between working with youngsters from birth to grade 2 and from grades 1-6. Fulfill your requirements for New York State initial certification. Prerequisites: completion of all methods courses, PSY 2001 and approval by the Office of Field Placement, Certification and Community Outreach.

*Completion of all methods courses, PSY.2001, and approval of the Office of Field Placement, Certification and*



<b>EDU 3107</b>	<b>Math Methods for Childhood Education</b>	<b>3</b>	<b>cr.</b>
Focus on methods and materials for teaching mathematics to elementary students. Learn to use concrete and representational materials and appropriate technology to develop math skills, independent thinking and problem solving.			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3108</b>	<b>Childhood Science Education Methods</b>	<b>3</b>	<b>cr.</b>
Learn process skills and content for elementary science programs. Participate in direct, hands-on experiences as well as lecture and discussion. Develop a science unit.			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3112</b>	<b>Childhood Social Studies Methods</b>	<b>3</b>	<b>cr.</b>
Focus on the integration of elementary school social studies and fine arts in an interdisciplinary teaching context.			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3113</b>	<b>Childhood Art Methods</b>	<b>0</b>	<b>cr.</b>
Focus on the integration of elementary school social studies and fine arts in an interdisciplinary teaching context. Use differential instruction to meet the needs of all learners. Demonstrate skills for applying relevant social studies education research in the classroom. Field experience required.			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3205</b>	<b>Integrating Culture, Literacy and Literature in Second Language Instruction</b>	<b>3</b>	<b>cr.</b>
Focus on developing methods for sensitizing and guiding students from awareness to appreciation of second language/culture. Prepare required lesson and unit plans for teaching culture, literacy and literature.			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3237</b>	<b>Problem Solving in Mathematics Methodology: Grades 5-12</b>	<b>3</b>	<b>cr.</b>
Develop vital skills for teaching and critical thinking across the curriculum through mathematical problem-solving strategies. Recognize and construct connections across mathematical ideas as you solve problems using tools from counting strategies, algebra; Euclidean, transformational and coordinate geometry; matrices; finite graphs and trees. Examine connections between problem solving; listening, speaking, reading and writing skills; and secondary mathematics. Identify and create problem solving materials and assessments for students within the full range of abilities.			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3245</b>	<b>Methods of Teaching Foreign Language in The Grades</b>	<b>3</b>	<b>cr.</b>
Explore theory and methods of teaching foreign language and culture in childhood education programs. Focus on the development of language skills in a communicative setting. Identify topics and language uses which are relevant to various age groups and define the proficiency level appropriate for each group. Learn from special presentations by experienced teachers of exploratory, immersion and early middle school programs.			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3273</b>	<b>Teaching Literacy Skills in the Middle School Through Collaborative Study Of Social Identity</b>	<b>3</b>	<b>cr.</b>
Learn to teach literacy skills at the middle school level through study of autobiography as a tool to understand the development of the individual in a cultural setting. Involve written and oral uses of language to discover and express cultural and social points of view. Learn to use strategies including online research, role-play, group discussion and debate to assist students as they explore the development of the individual in diverse cultural and social settings. (Literacy Course)			
<i>Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.</i>			
<b>EDU 3278</b>	<b>Literacy in the Content Areas</b>	<b>3</b>	<b>cr.</b>
Focus on the strategies needed to improve the listening, speaking, reading and writing skills of students within			

the full range of abilities, including those who are English language learners, at the middle childhood and adolescence levels in the areas of English, Social Studies, Mathematics and Science. Learn methods of teaching study skills, comprehension, vocabulary development, listening and organizational skills. Learn the skills and strategies required to read, evaluate and write text incorporating laboratory procedures, graphs, charts, tables and equations. Prerequisite: EDU 2000. Field experience required. (Literacy Course)

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

**EDU 3295 Teaching Health Education, Physical Education, and the Family and Consumer Education 1 cr.**

Examine the characteristics of positive and negative health behaviors while learning appropriate reinforcement and prevention strategies. Learn methods of teaching physical education skills at the childhood level. Focus on current issues in family and consumer science.

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

**EDU 3295A Childhood Drug Ed Methods 1-6 0 cr.**

This course will engage the learners in activities that focus on drugs that would be discussed at the elementary level. These include but are not limited to: Over-the-counter (OTC), tobacco, alcohol, as well as house hold products and prescription medicines. Various types of deterrent programs will be examined to determine effectiveness of commonly used school curricula. The variety of categories of drugs will be discussed in terms of the effect of the drug on the body and mind.

**EDU 3316 Beyond Teaching: Organizational and Management Strategies for the Beginning Art Teacher 3 cr.**

Become familiar with resources that will help teach to the New York Standards for the Visual Arts, including museums, the internet, and professional organizations. Develop strategies for organizing the art classroom and managing student learning and behavior. Learn how to develop budgets for elementary and secondary art programs and promote the arts in the schools. Create lesson plans for teaching art history as well as various art techniques.

*Take EDU.2000.*

**EDU 3339 Teaching Geography in the Social Studies Classroom 1.5 cr.**

Must be taken in conjunction with EDU 3375. Learn methods for teaching key geographic concepts in the K-12 social studies curriculum. Explore ways to encourage students to use a variety of cognitive skills to demonstrate their understanding of the geography of the interdependent world in which we live local, national, and global including the distribution of people, places and environments over the Earth's surface.

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

**EDU 3359 Problem-Based Learning Mathematics, Science and Technology 3 cr.**

In this course, we will explore the promises and challenges of Problem-Based Learning (PBL) as an instructional strategy in secondary science education. In doing so, we will pursue two lines of inquiry. The first line of inquiry involves immersing ourselves in the PBL process by working in collaborative teams to address real world problems regarding issues related to climate change, clean water, natural resource depletion, green building and in general, sustainability in Westchester County. In the second line of inquiry we will seek through reflection on personal experiences with and analyses of selected readings on PBL to better understand the value of Problem-Based Learning and ways in which it can be implemented in the secondary school context.

*Take EDU.2000.*

**EDU 3367 Methods Teaching Literacy and Language Arts I 3 cr.**

Examine language acquisition and literacy development by native English speakers and students who are English language learners. Study instructional strategies, and the theories upon which they are based, for developing listening, speaking, reading and writing skills among all students. Field experience required.(Literacy Course)

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

**EDU 3369 Methods Teaching Literacy and Language Arts II 3 cr.**

Review literacy and the reading process with a focus on alignment with New York State standards. Topics include: balanced literacy; strategies for constructing meaning; meeting the literacy needs of diverse populations;

assessment; technology and literacy; and classroom organization and management. (Literacy Course)

*Prerequisite: EDU.2000 with minimum grade of B-. For School of Education students only. Requires written permission from Associate Dean for Undergraduate Programs in School of Education.*

**EDU 3370 Aesthetic Literacy 3 cr.**

Focus on integrating reading, writing and the arts (including literary, visual and performing arts). Explore the theory and rationale behind this approach and develop a variety of instructional methods for classroom implementation.

*Take EDU.2000.*

**EDU 3375 Teaching Economics in the Social Studies Classroom 1.5 cr.**

Must be taken in conjunction with EDU 3339. Develop strategies for teaching economics in the social studies classroom so that students will understand key macroeconomic and microeconomic concepts. Topics will include methods for teaching how the United States and other societies develop economic systems and associated institutions to allocate resources; how major decision-making units function in the U.S. and the other national economies; and how an economy solves the scarcity problem through market and non-market mechanisms.

*Take EDU.2000.*

**EDU 3376 Fundamentals of Middle Childhood Education 3 cr.**

Focus on the sociological and academic factors that have resulted in the creation of a new learning environment. Develop successful strategies for motivation, instruction, assessment and classroom management in a middle school environment. Learn how to create a success guidance structure and explore ways of facilitating collaboration and communication among students, teachers, staff and parents. Study alcohol, tobacco and other drug abuse prevention strategies, as well as fire and arson prevention.

*Take EDU.2000.*

**EDU 3380 Curriculum, Management & Assessment In Childhood Education 3 cr.**

Examine ways for childhood educators to develop curricula, plan and implement instruction for students within the full range of abilities. Learn to use technology (including assistive technology), examine methods of assessing student learning and ways to use assessment data for planning and modifying instruction. Prerequisite: EDU 2000. Field experience required.

*Take EDU.2000.*

**EDU 3384 Student Teaching & Seminar: Middle Childhood/Adolescence Education 12 cr.**

Develop your teaching skills in a full-time, twelve-week, supervised student teaching experience divided between the middle childhood and adolescent levels. Fulfill your requirements for New York State initial certification. Prerequisites: completion of all education courses, PSY 2002, and approval by the Office of Field Placement, Certification and Community Outreach.

**EDU 3387 Student Teaching & Seminar: Music Education 12 cr.**

Full semester (15 weeks) of the guided teaching and learning of music in a classroom setting divided between an elementary placement (grades preschool through upper elementary) and a secondary placement (middle school or high school). Designed for both precertified music education majors (student teachers) and newly appointed musicians-educators (supervised teachers). One placement in an urban setting and the other in a suburban setting. Placements in general music, choral music, and instrumental music to fit the direction of the educator-in-training. Seminar discussion of philosophy, praxis (pedagogy and process), performance as process, the music class as performance, repertory, classroom management, ideology of the profession, and the student teaching experience as a passage from the academy to the field. Sharing from the field of the teaching of activities followed by group critique singing games, dances, instrumental pieces and accompaniment, reading and writing lessons, etc. Curriculum development based on sequenced elements and units of study. Discussion of successes and problems of the field, including student behavior, achieving artistry through the classroom as a reflective practicum, etc. Reflection on national and New York State standards. Preparation and review of Manhattanville College School of Education student/supervised teacher log, lesson plans, rubrics, etc. Prerequisite: MUE.3054/5054 and MUE.3057/5057 and all other undergraduate music education required course work. (Fall) (Spring)

*Completion of all education courses, PSY.2001, PSY.2002, and approval by the Office of Field Placement, Certification and Community Outreach.*

**EDU 3390 Student Teaching & Seminar: Art Education 12 cr.**

Develop your teaching skills in a full-time, twelve-week, supervised student teaching experience divided between the childhood and middle childhood/adolescent levels. Fulfill your requirements for New York State initial

certification.

*Completion of all education courses, PSY.2001, PSY.2002, and approval by the Office of Field Placement, Certification and Community Outreach.*

**EDU 3452 Strategies for Teaching Young Children And Guiding Their Behavior 3 cr.**

This course will focus upon the application of developmentally appropriate theories of teaching and behavioral guidance to practice in the infant, toddler and early childhood classroom. Students will be introduced to theoretical concepts and principles and shown how they may be integrated into the classroom by the use of specific methods and strategies. Topics include classroom organization, planning, instructional methods, instructional equipment and materials, grouping for instruction, teaching style, child guidance and management techniques.

*Take EDU.2000 or EDU.3017.*

**EDU 3460 The Integrated Curriculum in ECE II: Social Studies, Expressive Arts, Health and Safety 3 cr.**

Based upon current child development theories and principles, this course will examine methodology and resources applicable to teaching in the early childhood classroom. Focus will be on the study, design and evaluation of developmentally appropriate curriculum in the areas of social studies, expressive arts, safety, health and ways in which these areas may be integrated with other areas of the curriculum. Emphasis will include fostering skills of inquiry, problem-solving and creative thinking in young children through discovery and play. Fieldwork and case study methods will be used for practical application of concepts and principles.

*Take EDU.2000 or EDU.3017.*

**EDU 3613 Teaching Writing & Thinking 3 cr.**

This course offers the opportunity to develop an understanding of current research and practice related to the teaching of writing at the middle and secondary levels. Special emphasis will be placed on writing processes as they pertain to personal, analytic, and creative writing. Other topics include constructed responses on various state assessments, writing workshop management, responding to student writing, writing center protocols, and consideration of sociocultural and gender perspectives. Students will engage in the development of writing assessments and participate both as writers and evaluators.

**MUE 2067 Instrumental Rudiments III: Brass/Percussion 2 cr.**

Students may select one of the wind or brass instruments for study during the semester, with the aim of understanding the fundamentals of correct playing. There will be solo and ensemble playing. The rudiments of percussion technique will also be introduced.

**MUE 2068 Instrumental Rudiments IV: Woodwinds 2 cr.**

Continuation of MUE 2067.

**MUE 2070 Instru Rud II: Strings 2 cr.**

This course helps the student to develop sufficient facility on violin, viola, cello and bass to be able to play and teach basic string skills.

**MUE 3054 Music Curriculum and Pedagogy I: Childhood 3 cr.**

Philosophy and praxis of the transmission (teaching and learning) of music by students preschool through grade 4. Emphasis on the work of Imile Jaques-Dalcroze, Zoltan Kodaly, and Carl Orff. Training of the body (thinking, feeling, moving) through musicing from traditional (folk) musics and dance leading to musics and dance of the world (including Western art music and other composed musics). Pedagogy and performance on the soprano (descant) and alto (treble) recorders in preparation for experience on the chest of recorders. Use of the Orff instrumentarium and traditional instruments in the classroom. Music oracy to literacy for children by design of curricular sequencing of music elements and domains using the tools of rhythm syllables and movable tonic solfege. Curriculum projects using five curriculum parts: beginning point, song list, yearly flow chart, daily lesson plan, and activity plan (strategy). Choral literature and its pedagogy for young voices. In-class teaching with critique. Twelve hours of observation of preschool and elementary musicians-educators required. Prerequisite: Open to music education majors or others by permission of the Department. Should be completed as a preparation for EDU.3387: Student Teaching and Seminar: Music Education.

**MUE 3057 Music Curriculum and Pedagogy II: Adolescence 3 cr.**

Philosophy and praxis of the transmission (teaching and learning) of music by students grades five through twelve.

Emphasis on the work of Imile Jaques-Dalcroze, Zoltan Kodaly, and Carl Orff, and the use of world musics in the classroom. The teaching and learning of music as an inductive-deductive cycle (emphasis on experience, description, and analysis leading to concepts that can be used in the encounter of further experiences). Curriculum development of eleven domains of music learning: voice pedagogy, comparatives (timbre/tone color/tone quality, dynamics, tempo, duration, pitch, texture, articulation), beat/meter/rhythm, melody/intervals/scales, simultaneity, form, listening, instruments, movement, improvisation, and composition. Curriculum projects using five curriculum parts: beginning point, song list, yearly flow chart, daily lesson plan, and activity plan (strategy). Pedagogy and performance of the recorder chest available for the classroom [Garklein flvtlein, sopranino, soprano (descant), alto (treble), tenor, and bass]. Choral literature and its pedagogy for adolescent voices. In-class teaching with critique. Twelve hours of observation of middle school and high school musicians-educators. Prerequisite: MUE.3054 or permission of the Department. Should be completed as a preparation for EDU.3387: Student Teaching and Seminar: Music Education.