ARST 201 # - Objects in Clay 3 Credits
Prerequisite(s): WRIT 105 or HONP 100. An introduction to three-dimensional form, this course offers the basic skills, visual vocabulary and the material knowledge used in the development of an emerging sculptural practice. The emphasis of this course is developing a cognizant relationship of objects in space. Meets Gen Ed 2002 - Fine and Performing Arts. Previous course ARCE 200 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 202 # - 3D and Extended Media 3 Credits
Prerequisite(s): WRIT 105 or HONP 100. An introduction to three-dimensional form, this course offers the basic skills, visual vocabulary and the material knowledge used in the development of an emerging sculptural practice. The emphasis of this course is developing a cognizant relationship of objects in space. Meets Gen Ed 2002 - Fine and Performing Arts. Previous course ARCE 200 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 203 # - Accessory Design 3 Credits
Prerequisite(s): WRIT 105 or HONP 100. An introduction to three-dimensional form, this course offers the basic skills, visual vocabulary and the material knowledge used in the development of an emerging sculptural practice. The emphasis of this course is developing a cognizant relationship of objects in space. Meets Gen Ed 2002 - Fine and Performing Arts. Previous course ARCE 200 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 204 # - Painting 3 Credits
Prerequisite(s): WRIT 105 or HONP 100. An introduction to three-dimensional form, this course offers the basic skills, visual vocabulary and the material knowledge used in the development of an emerging sculptural practice. The emphasis of this course is developing a cognizant relationship of objects in space. Meets Gen Ed 2002 - Fine and Performing Arts. Previous course ARCE 200 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 205 # - Photography 3 Credits
Prerequisite(s): WRIT 105 or HONP 100. An introduction to three-dimensional form, this course offers the basic skills, visual vocabulary and the material knowledge used in the development of an emerging sculptural practice. The emphasis of this course is developing a cognizant relationship of objects in space. Meets Gen Ed 2002 - Fine and Performing Arts. Previous course ARCE 200 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 206 # - Printmaking 3 Credits
Prerequisite(s): WRIT 105 or HONP 100 may be taken as prerequisite or corequisite. This course introduces traditional printmaking techniques through projects. The course explores a number of topics, issues and processes of printmaking as a unique, one of a kind technique to the number of replicative iterations used in the various print disciplines. The process will be used as a bridge medium to explore topical issues relating to the multiple interdisciplinary ways in which this vehicle for artistic expression connects to other disciplines. Reading, gallery and museum visits. Meets Gen Ed 2002 # Fine and Performing Arts. Previous course ARPM 200 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 207 # - Sculpture 3 Credits
Prerequisite(s): WRIT 105 or HONP 100. The course will focus on the figure (working from life) with auxiliary experiences in mold#making and casting. The materials will be clay (plasticine), plaster and armatures. Meets Gen Ed 2002 # Fine and Performing Arts. Previous course ARSC 210 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 301 # - Integrative Studio I: Interdisciplinary Process 3 Credits
Prerequisite(s): WRIT 105 or HONP 100. The course will focus on the figure (working from life) with auxiliary experiences in mold#making and casting. The materials will be clay (plasticine), plaster and armatures. Meets Gen Ed 2002 # Fine and Performing Arts. Previous course ARSC 210 effective through Spring 2017. 2 hours lecture, 4 hours studio.

ARST 311 # - Integrative Studio II: Research, Making and Collaboration 3 Credits
Prerequisite(s): ARFD 200. This course is an introduction to cross-disciplinary study and studio practice in both 2D & 3D disciplines. Students will work in teams to explore abstract concepts and engage in critical feedback as a problem-solving tool towards developing skills as visual thinkers. Through the incremental making process, the thematic assignments are designed to foster conceptual and integrative skills from inception through iteration towards development of a personal aesthetic. The goal of course is to demonstrate the ability to integrate concepts, material skills and techniques learned from foundation level courses and apply knowledge into project work. 2 hours lecture, 2 hours studio.

ARST 400 # - Major Studio Project I 6 Credits
Prerequisite(s): ARFD 101, ARFD 104, ARFD 103, ARFD 100, ARHT 105, ARHT 106, ARHT 470, ARFD 400. Corequisite(s): ARHS 400. This course is a 6-credit course designed to help BFA in Studio students create a body of work for their BFA in Studio Thesis Exhibition. 3 hours lecture. 2 hours studio.

ARST 401 # - Integrative Studio III: Prototyping and Digital Strategies 3-6 Credits
Prerequisite(s): ARST 311. Building upon the progression of disciplines and concepts explored in Integrative Studio II, this course emphasizes critical thinking in support of overlapping interests between and across the disciplines. Over the course of the semester, students will exhibit the ability to integrate concepts with material skill building and techniques learned from previous experiences into self directed research projects. Integrating fieldwork from multiple perspectives, along with a broad palette of digital tools, online platforms, students will begin the creation of prototypes for senior thesis based work. 2 hours lecture, 2 hours studio.
ARST 410 # - Major Studio Project II 7 Credits
Prerequisite(s): ARFD 100, ARFD 101, ARFD 103, ARFD 104, ARFD 124, ARFD 400, ARHT 105, ARHT 106, ARHT 470, ARHT 332 and ARST 400. This course is a 7-credit course designed to help BFA in Studio students create, refine and bring to completion a body of work for their BFA in Studio Thesis Exhibition. 3 hours lecture.

ARST 411 # - Integrative Studio IV: Senior Thesis Project 3 Credits
Prerequisite(s): ARST 401 may be taken as prerequisite or corequisite. The Integrative Studio courses are based on creative research, studio experimentation, artistic invention, and daily practice along with visiting artists, gallery and museum visits. This course culminates the sequence. Students are expected to be able to develop and execute a final body of art work. The course will promote an understanding of how risk and failure are integral to the process of making creative work. 2 hours lecture; 2 hours studio.

ARST 501 # - MFA Seminar in Studio Art I 3 Credits
Prerequisite(s): 15 semester hours in MFA Degree program; departmental approval; MFA majors only. Weekly seminars given by visiting artists, fine arts faculty and the visiting critic. Discussions on major issues in contemporary art and critiques of the students’ ongoing projects. MFA seminars are coordinated by the visiting critic and the MFA Director. 3 hours seminar.

ARST 502 # - Independent Study: Independent Studio Work I 3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Taken in the first year of the program, the student works independently under the guidance of a visiting or full-time faculty member selected by the student (different from the faculty member engaged in the MFA Research Project). The faculty member should be selected based on his/her particular interest in the student’s Research Project. May be repeated three times for a maximum of 12.0 credits.

ARST 503 # - Independent Study: Independent Studio Work II 3 Credits
Prerequisite(s): ARST 502; departmental approval; MFA majors only. Continuation of ARST 502. Taken serially. May be repeated three times for a maximum of 12.0 credits.

ARST 506 # - Special Topics in Studio Art I 3 Credits
Prerequisite(s): Departmental approval; MFA Studio majors, and International Studio Artists Diploma Certificate Program only. Each course is a seminar/workshop experience which addresses a specific topic in the visual arts. Topics may be interdisciplinary in nature or speak to a particular studio discipline and may include an investigation of new media and processes. The topic for each course will be announced at the registration time. The course may be repeated three times for a maximum of 12.0 credits as long as the topic is different. 1 hour lecture, 3 hours studio.

ARST 507 # - Special Topics in Studio Art II 3 Credits
Prerequisite(s): ARST 506; Departmental approval; MFA Studio majors, and International Studio Artists Diploma Certificate Program only. Taken serially. Each course addresses a new topic in the visual arts. The topics should not be repeated. With different topics, the course may be repeated three times for a maximum of 12.0 credits. 1 hour lecture, 3 hours studio.

ARST 508 # - Independent Study: MFA Research Project I: Painting 3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. The student will be guided toward the development of a consistent body of work. Exploration of a variety of approaches and techniques will be encouraged in order that the student can most fully realize his/her personal artistic aims.

ARST 509 # - Independent Study: MFA Research Project II: Painting 3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 508. Taken serially.

ARST 512 # - Independent Study: MFA Research Project I: Drawing 3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. This course allows the student to begin focusing on drawing as a fine art. It will explore the major applications of a variety of graphic media while stressing the drawing as a mode or art form unto itself.

ARST 513 # - Independent Study: MFA Research Project II: Drawing 3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 512. Taken serially.

ARST 514 # - Independent Study: MFA Research Project I: Printmaking 3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. The student begins to research and develop a creative project under the guidance of a faculty mentor selected by the student. The student may work with traditional and nontraditional printmaking processes resulting in multiples or unique images such as monoprints.

ARST 515 # - Independent Study: MFA Research Project II: Printmaking 3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 514. Taken serially.

ARST 516 # - Independent Study: MFA Research Project I: Papermaking 3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. Individualized creative studies for the MFA candidate whose progress is reviewed weekly by a faculty mentor. Areas of inquiry include, but are not limited to: coloration, casting, sheet formation, etc.

ARST 517 # - Independent Study: MFA Research Project II: Papermaking 3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 516. Taken serially.

ARST 518 # - Independent Study: MFA Research Project I: Photography 3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. Individualized creative studies in photography under the guidance of a faculty mentor. Areas of inquiry include black & white, color, non-silver and multi-media applications in photography.

ARST 519 # - Independent Study: MFA Research Project II: Photography 3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 518. Taken serially.

ARST 520 # - Independent Study: MFA Research Project I: Film Making 3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. This course is intended to assist the advanced student in developing unique and individualized approaches in motion picture making. Emphasis will be placed on exploration and experimentation in the production of short works.

ARST 521 # - Independent Study: MFA Research Project II: Film Making 3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 520. Taken serially.
ARST 522 # - Independent Study: MFA Research Project I: Video
3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. Students produce video projects in 3/4 inch format, utilizing state-of-the-art facilities at the DuMont Television Center, including full three-camera studio set up, special effects, telecine, sound mixes and editing.

ARST 523 # - Independent Study: MFA Research Project II: Video
3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 522. Taken serially.

ARST 524 # - Independent Study: MFA Research Project I: Sculpture
3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. The course is intended to allow the MFA candidate to explore a select variety of issues and media in the arena of sculpture. The specific concerns considered will be derived from close consultation between the student and his faculty mentor.

ARST 525 # - Independent Study: MFA Research Project II: Sculpture
3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 524. Taken serially.

ARST 526 # - Independent Study: MFA Research Project I: Ceramics
3-6 Credits
Prerequisite(s): Departmental approval; M.F.A. majors only. Research and development of a creative project under the guidance of a faculty mentor.

ARST 527 # - Independent Study: MFA Research Project II: Ceramics
3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 526. Taken serially.

ARST 528 # - Independent Study: MFA Research Project I: Fiber
3-6 Credits
Prerequisite(s): Departmental approval; M.F.A. majors only. Individualized creative studies for the MFA candidate whose progress is reviewed weekly by a faculty mentor. Areas of inquiry include on-loom, off-loom, surface design, textile design, felt, leather, wood, plastics, etc.

ARST 529 # - Independent Study: MFA Research Project II: Fiber
3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 528. Taken serially.

ARST 530 # - Independent Study: MFA Research Project I: Jewelry/Metalsmithing
3-6 Credits
Prerequisite(s): Departmental approval; MFA majors only. Research and development of a creative project under the guidance of a faculty mentor.

ARST 531 # - Independent Study: MFA Research Project II: Jewelry/Metalsmithing
3 Credits
Prerequisite(s): Departmental approval; MFA majors only. Continuation of ARST 530. Taken serially.

ARST 532 # - Independent Study: MFA Research Project I: Multi-Media
3-6 Credits
Prerequisite(s): Departmental approval; MFA Studio majors, and International Studio Artists Diploma Certificate Program only. The student begins to research and develop a multi-media creative project under the guidance of a faculty mentor selected by the student. The project may include the investigation of a combination of traditional visual arts media, interdisciplinary media or new media.

ARST 533 # - Independent Study: MFA Research Project II: Multi-Media
3 Credits
Prerequisite(s): ARST 532; Departmental approval; MFA Studio majors, and International Studio Artists Diploma Certificate Program only. Continuation of ARST 532. Taken serially.

ARST 600 # - Seminar in Art I: Contemporary Art and Aesthetics 3 Credits
Prerequisite(s): M.A. majors only. This course involves the graduate student in a consideration of major issues in contemporary art and aesthetics. 3 hours seminar.

ARST 601 # - MFA Seminar in Studio Art II 3 Credits
Prerequisite(s): ARST 501; 45 SH in MFA Degree program; departmental approval; MFA majors only. Continuation of ARST 501. Taken serially. 3 hours seminar.

ARST 604 # - Independent Study: Project Criticism I 3 Credits
Prerequisite(s): 30 SH in MFA Degree program (ARCR, ARST, ARHS: 500 level); taken with MFA Final Project I or II; departmental approval; MFA majors only. Individualized guidance and critique of the student's Final Project by a second full-time faculty member on the student's Project Committee (not to be taken with the student's Project Advisor).

ARST 605 # - Independent Study: Project Criticism II 3 Credits
Prerequisite(s): ARST 604; departmental approval; MFA majors only. Continuation of ARST 604. Taken serially.

ARST 606 # - Special Topics in Studio Art III 3 Credits
Prerequisite(s): ARST 507; departmental approval; MFA majors only. Taken serially. Each course addresses a new topic in the visual arts. The topics should not be repeated. With different topics, the course may be repeated twice for a maximum of 9.0 credits. 1 hour lecture, 3 hours studio.

ARST 607 # - Special Topics in Studio Art IV 3 Credits
Prerequisite(s): ARST 606; departmental approval; MFA majors only. Taken serially. Each course addresses a new topic in the visual arts. The topics should not be repeated. With different topics, the course may be repeated twice for a maximum of 9.0 credits. 1 hour lecture, 3 hours studio.

ARST 608 # - Independent Study: MFA Final Project I: Painting 3 Credits
Prerequisite(s): 30 SH in MFA Degree program; departmental approval; MFA majors only. Intended as an opportunity for the MFA candidate to produce a body of original and cohesive work under the guidance of a Project Advisor selected by the student. Must be taken as a two semester sequence with ARST 609.

ARST 609 # - Independent Study: MFA Final Project II: Painting 3-6 Credits
Prerequisite(s): ARST 608; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The MFA candidate continues to develop a body of work under the guidance of his/her MFA Thesis Exhibition which will demonstrate the candidate's abilities and level of artistic achievement.

ARST 610 # - Seminar in Art II: Graduate Project 3 Credits
Prerequisite(s): ARST 600; M.A. majors only. A continuation of ARST 600. Should be taken in the student's last semester along with the completion of the Graduate Project. 3 hours seminar.

ARST 612 # - Independent Study: MFA Final Project I: Drawing 3 Credits
Prerequisite(s): 30 semester hours in MFA Degree program; departmental approval; MFA majors only. The student develops a creative project under the guidance of a Project Advisor selected by the student. Must be taken as a two semester sequence with ARST 613.
ARST 613 # - Independent Study: MFA Final Project II: Drawing  
Prerequisite(s): ARST 612; departmental approval; MFA majors only.  
Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a body of work under the guidance of his/her Project Advisor, concluding with the MFA Exhibition. This course will bring to fruition the students research and exploration of the various approaches to drawing. They will reach certain conclusions evidenced in their work about the possibilities of the art form and their personal use of graphic modes of expression.  
3-6 Credits

ARST 614 # - Independent Study: MFA Final Project I: Printmaking  
Prerequisite(s): 30 semester hours in MFA degree program; departmental approval; MFA majors only. The student develops a creative project under the guidance of a Project Advisor selected by the student. Must be taken as a two semester sequence with ARST 615.  
3 Credits

ARST 615 # - Independent Study: MFA Final Project II: Printmaking  
Prerequisite(s): ARST 614; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a body of work under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.  
3-6 Credits

ARST 616 # - Independent Study: MFA Final Project I: Papermaking  
Prerequisite(s): 30 semester hours in MFA degree program; departmental approval; MFA majors only. The student develops a creative project under the guidance of a Project Advisor selected by the student. Must be taken as a two semester sequence with ARST 617.  
3 Credits

ARST 617 # - Independent Study: MFA Final Project II: Papermaking  
Prerequisite(s): ARST 616; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, concluding with the MFA Exhibition.  
3-6 Credits

ARST 618 # - Independent Study: MFA Final Project I: Photography  
Prerequisite(s): 30 semester hours in MFA Degree program; departmental approval; MFA majors only. Individualized creative study for the MFA candidate under the guidance of a Project Advisor selected by the student. Areas of inquiry include black & white, color, non-silver and multi-media applications in photography. Must be taken as a two semester sequence with ARST 619.  
3 Credits

ARST 619 # - Independent Study: MFA Final Project II: Photography  
Prerequisite(s): ARST 618; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.  
3-6 Credits

ARST 620 # - Independent Study: MFA Final Project I: Film Making  
Prerequisite(s): 30 semester hours in MFA degree program; departmental approval; MFA majors only. This course is intended to assist the advanced MFA candidate develop a unique and individualized approach to his/her Final Project. Must be taken as a two semester sequence with ARST 621.  
3 Credits

ARST 621 # - Independent Study: MFA Final Project II: Film Making  
Prerequisite(s): ARST 620; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605 ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.  
3-6 Credits

ARST 622 # - Independent Study: MFA Final Project I: Video  
Prerequisite(s): 30 semester hours in MFA degree program; departmental approval; MFA majors only. Individualized creative study for the MFA candidate under the guidance of a Project Advisor. Students produce video projects utilizing state-of-the-art facilities at the Dumont Television Center. Must be taken as a two semester sequence with ARST 623.  
3 Credits

ARST 623 # - Independent Study: MFA Final Project II: Video  
Prerequisite(s): ARST 622; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.  
3-6 Credits

ARST 624 # - Independent Study: MFA Final Project I: Sculpture  
Prerequisite(s): 30 semester hours in MFA Degree Program; departmental approval; MFA majors only. Development of a creative project based on each student’s personal artistic interest/imagery under the guidance of a Project Advisor selected by the student. Must be taken as a two semester sequence with ARST 625.  
3 Credits

ARST 625 # - Independent Study: MFA Final Project II: Sculpture  
Prerequisite(s): ARST 624; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.  
3-6 Credits

ARST 626 # - Independent Study: MFA Final Project I: Ceramics  
Prerequisite(s): 30 semester hours in MFA Degree Program; departmental approval; MFA majors only. Development of a creative project based on each student’s personal artistic interest/imagery under the guidance of a Project Advisor selected by the student. Must be taken as a two semester sequence with ARST 627.  
3 Credits

ARST 627 # - Independent Study: MFA Final Project II: Ceramics  
Prerequisite(s): ARST 626; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.  
3-6 Credits

ARST 628 # - Independent Study: MFA Final Project I: Fiber Forms  
Prerequisite(s): 30 semester hours in MFA Degree Program; departmental approval; MFA majors only. Individualized creative study for the MFA candidate whose progress is guided by a Project Advisor selected by the student. Areas of inquiry include on-loom, off-loom, surface design, textile design, felt, leather, wood, plastics, etc. Must be taken as a two semester sequence with ARST 629.  
3 Credits

ARST 629 # - Independent Study: MFA Final Project II: Fiber Forms  
Prerequisite(s): ARST 628; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.  
3-6 Credits
ARST 630 # - Independent Study: MFA Final Project I: Jewelry/Metalsmithing 3 Credits
Prerequisite(s): 30 semester hours in MFA Degree program; departmental approval; MFA majors only. The student develops a creative project under the guidance of a Project Advisor selected by the student. Must be taken as a two semester sequence with ARST 631.

ARST 631 # - Independent Study: MFA Final Project II: Jewelry/Metalsmithing 3-6 Credits
Prerequisite(s): ARST 630; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.

ARST 632 # - Independent Study: MFA Final Project I: Multi-Media 3 Credits
Prerequisite(s): 30 semester hours in MFA Degree program; departmental approval; MFA majors only. The student develops a multi-media creative project under the guidance of a Project Advisor selected by the student. The project may include the investigation of the combination of traditional visual media, interdisciplinary media or new media. Must be taken as a two semester sequence with ARST 633.

ARST 633 # - Independent Study: MFA Final Project II: Multi-Media 3-6 Credits
Prerequisite(s): ARST 632; departmental approval; MFA majors only. Corequisite(s): ARST 604 or 605, ARST 650. The student continues to develop a creative project under the guidance of his/her Project Advisor, culminating in a Thesis Exhibition.

ARST 650 # - Independent Study: MFA Exhibition, Paper and Final Review 3 Credits
Prerequisite(s): 45 semester hours in MFA Degree program; departmental approval; MFA majors only. Corequisite(s): MFA Final Project II. Independent Study with the Project Advisor. In the final semester of the program the student is required to exhibit his/her Final Project and present a paper which describes his/her aesthetic position. The exhibition and paper will be reviewed by the student’s Project Committee.

ARST 651 # - Independent Study: MFA Project Extension 2 Credits
Prerequisite(s): Departmental approval, MFA majors only. Continuation of ARST 650. Must be taken if an incomplete grade is received in ARST 650. Independent Study with the Project Advisor. The fee for 2 SH will be charged to the student but no credit will be given and no grade will appear on the transcript. This course may be repeated two times to complete the MFA project.