## Architecture & Urban Planning

### College of Architecture & Urban Planning

#### Architecture (ARCH)

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IR IND +
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Education
School Of Education

Education (EDUC)

310 Independent Study
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   Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.

317 Observ-Particip Ed
   SI  IND +  ARR  ARR
   Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.

320 Honors Ind Study
   SI  IND +  ARR  ARR
   Students should obtain permission from the instructor via email and then forward to Tina Sanford at tsanf@umich.edu.

396 Mignt Out & ESL Prac
   73584 PRW SEM 201  MTH
   5-10PM  ARR
   3.00
   ELMAC 19 students only. See ELMAC 19 schedule for details about meeting times.

401 Devel Rdg Wrtg Elem
   70090 P R LEC 201
   ARR  ARR
   1.00
   For Elmac 19 students only. See Elmac 19 schedule for details about meeting times.

443 Exceptionalities K-8
   73401 P R LEC 201
   ARR  ARR
   1.00
   Keren-Kolb
   For Elmac 19 students only. See Elmac 19 schedule for details about meeting times.

444 Tchg with Tech K-8
   73475 P R LEC 201
   ARR  ARR
   1.00
   Keren-Kolb
   Elmac 19 students only. See Elmac 19 schedule for details about meeting times.

470 Ind Study in HE&PSE
   SI  IND +  ARR  ARR
   Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request.

485 Math Elem Sch Teach
   73017 P R LEC 201
   ARR  ARR
   3.00
   ADVISORY
   For ELMAC 19 students only. See ELMAC 19 schedule for details about meeting times.

504 Teach with Tech
   72809 P R SEM 201
   ARR  ARR
   1.00
   Keren-Kolb, Stanzler
   Cohort 1 (Maize) Secondary MAC interns only.

510 Teaching & Learning
   72732 P R SEM 201
   ARR  ARR
   1.00
   ELMAC 19 students only. See ELMAC 19 schedule for details about meeting times.

590 ESL Tchg Prac & Sem
   73039 P R LEC 201
   ARR  ARR
   3.00
   ADVISORY
   For ELMAC 18 ESL students only.

595 2nd Lang Assessment
   73304 P R LEC 201
   ARR  ARR
   2.00
   ADVISORY
   For ELMAC 18 ESL students only.

605 Intern Learn Tech
   SI  IND +  ARR  ARR
   Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request.

606 Dev&Psys Perspective Ed
   73022 P R REC 201
   ARR  ARR
   3.00
   Fretz
   Cohort 1 (Maize) Secondary MAC interns.

638 Intrn&Dir Field Exp
   SI  IND +  ARR  ARR
   Students should obtain permission from instructor and then complete online form located at http://sitemaker.soe.umich.edu/soe.ispe/request.

649 Found Persp Ed Rfrm
   73008 P R REC 201
   ARR  ARR
   3.00
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649 Found Persp Ed Rfrm
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   1115-1215PM  ARR
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#### Aerospace Engineering

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## Atm, Oceanic And Space Science

### Atmospheric, Oceanic And Space Sciences (AOSS)

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# Biomedical Engineering

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### Electrical Engr & Computer Sci

#### Electrical Engineering And Computer Science (EECS)

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**Engineering Undergraduate Educ**

**Engineering (ENGR)**

- **Undergrad Research**: CR 1.00-4.00, PR ADVISORY, Lab Fee 0.00
- **Multidis Eng Pro 2**: CR 1.00-4.00, Instructor Van Nieuwstadt
- **Co-Op Educ Engr**: CR 0.00, Instructor Holloway
- **Multidis Eng Pro 3**: CR 2.00-5.00, Instructor Hofmann
- **Multidis Eng Des II**: CR 2.00-5.00, Instructor De Roo
# Industrial-Operations Engr Dep
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### Integrative Systems and Design

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This course is ONLY open to ADMITTED students entering the Financial Engineering degree program in Summer 2013.
### Program In Manufacturing

**Manufaturing (MFG)**

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## Materials Science & Engineering

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#### College of L S & A Residential College

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NOTE - IT IS CRITICAL THAT STUDENTS ATTEND CLASSES FROM THE BEGINNING OF THE TERM. EVEN THOUGH STUDENTS MAY BE REGISTERED OFFICIALLY FOR A COURSE, DEPARTMENTS MAY GIVE AWAY A STUDENT'S PLACE IN A CLASS IF THEY DO NOT ATTEND:

---THE FIRST MEETING OF BIOLOGY, CHEMISTRY, AND PHYSICS LABORATORIES;
---EITHER OF THE FIRST TWO MEETINGS OF ENGLISH COURSES;
---THE FIRST TWO MEETINGS OF HISTORY 396 AND 397;
---EITHER OF THE FIRST TWO MEETINGS OF ANY COURSE OFFERED BY THE DEPARTMENT OF ROMANCE LANGUAGES;
---THE FIRST TWO MEETINGS OF COURSES IN OTHER SUBJECTS.

AT THE SAME TIME, DEPARTMENTS ARE NOT OBLIGATED TO WITHDRAW STUDENTS OFFICIALLY FROM THE COURSE, EVEN THOUGH THE STUDENT HAS BEEN INFORMED THAT HIS/HER PLACE IN A COURSE HAS BEEN TAKEN AWAY. STUDENTS ARE RESPONSIBLE FOR THE ACCURACY OF THEIR SCHEDULES AND MUST BE SURE THAT ALL DROPS ARE PROCESSED THROUGH REGISTRATION SYSTEM DURING THE NORMAL DROP/ADD PERIOD.

Department of Afro-American and African Studies

Afroamerican & African Studies (AAS)

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### Department of American Culture

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### Anthropology Department

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Stars in East Asian Film & Media

#### Asian Languages (ASIANLAN)

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This course is offered through the LSA Summer Language Institute. Students will register for Summer term, but the course will meet for 10-weeks, beginning June 6 to August 12. Students may register for college-credit or apply to take the course as a program fee student. Please visit the SLI website for more information: www.lsa.umich.edu/sli. Information regarding SLI 2016 will be available in early February.

#### Chinese (CHIN)

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### Astronomy Department

#### Astronomy (ASTRO)

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Chemistry Department

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Students enrolling in CHEM 125, must also enroll themselves in CHEM 126.

Any questions regarding enrolling for this course should be directed to the Chemistry Student Services Office at chemundergrad@umich.edu.

CHEM 126 must be taken in conjunction with CHEM 125; this is not a stand-alone course. CHEM 126 has the same meeting time and location as CHEM 125.

Any questions regarding enrolling for this course should be directed to the Chemistry Student Services Office at chemundergrad@umich.edu.

Ind Study Biochem

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U of M Schedule of Classes Page 36 of 129 SU 2016 2100 03-15-2016 00:03 16131967
### Classical Studies Department

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Communication Studies


Media in Digital Era


Media & Global Humanitarianism

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# English Language & Literature Dept

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### Courses and Descriptions

#### 103: Dinosaurs & Other Fail
- **Course Code:** 72834
- **Title:** Dinosaurs & Other Fail
- **Credits:** 1.00
- **Schedule:** P W LEC 202
- **Days:** TTH
- **Time:** 3-5PM
- **Location:** 1528 CCL
- **Instructor:** Wilson
- **Notes:** Half-term course. Meets July 28-August 18, final exam on August 18. Drop/add deadline August 3 by 5pm.

#### 107: Volcanos & Earthquakes
- **Course Code:** 73437
- **Title:** Volcanos & Earthquakes
- **Credits:** 1.00
- **Schedule:** P W LEC 201
- **Days:** TTH
- **Time:** 3-5PM
- **Location:** 1528 CCL
- **Instructor:** Ruff
- **Notes:** Half-term course. Meets July 2-23, final exam on July 23. Drop/add deadline July 8 by 5pm.

#### 116: Intro Field Geol
- **Course Code:** 71867
- **Title:** Intro Field Geol
- **Credits:** 5.00
- **Schedule:** PD LEC 711
- **Days:** ARR
- **Location:** CAMP DAVIS
- **Instructor:** Ritsema, Li, Gleason
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 118: Intro Geology Lab
- **Course Code:** 73208
- **Title:** Intro Geology Lab
- **Credits:** 1.00
- **Schedule:** P W LEC 201
- **Days:** MW
- **Time:** 10-1PM
- **Location:** 1528 CCL
- **Instructor:** Lohmann
- **Notes:** Offered without discussion section for 3 credits during Spring or Summer half-term.

#### 119: Intro Geology
- **Course Code:** 73436
- **Title:** Intro Geology
- **Credits:** 3.00
- **Schedule:** P W SEM 201
- **Days:** TTH
- **Time:** 1-3PM
- **Location:** 1528 CCL
- **Instructor:** Ruff
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 147: Natural Hazards
- **Course Code:** 73053
- **Title:** Natural Hazards
- **Credits:** 3.00
- **Schedule:** PD LEC 712
- **Days:** ARR
- **Location:** CAMP DAVIS
- **Instructor:** Poulsen, Dick
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 436: Fid Std-Strat & Paleo
- **Course Code:** 73537
- **Title:** Fid Std-Strat & Paleo
- **Credits:** 5.00
- **Schedule:** PD LEC 711
- **Days:** ARR
- **Location:** CAMP DAVIS
- **Instructor:** Poulsen, Dick
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 440: Geol Field Methods
- **Course Code:** 73609
- **Title:** Geol Field Methods
- **Credits:** 5.00
- **Schedule:** PD LEC 714
- **Days:** ARR
- **Location:** CAMP DAVIS
- **Instructor:** Smith, Sheldon
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 490: Geol Honors
- **Course Code:** 70280
- **Title:** Geol Honors
- **Credits:** 1.00-6.00
- **Schedule:** SI IND +
- **Instructor:** Blum, Kennedy, Baumiller, Zak
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 498: Research & Spec Work
- **Course Code:** 73051
- **Title:** Research & Spec Work
- **Credits:** 1.00-6.00
- **Schedule:** SI IND +
- **Instructor:** Smith, Sheldon
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 499: Research & Spec Work
- **Course Code:** 73052
- **Title:** Research & Spec Work
- **Credits:** 1.00-6.00
- **Schedule:** SI IND +
- **Instructor:** Smith, Sheldon
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 599: Independent Study
- **Course Code:** 73434
- **Title:** Independent Study
- **Credits:** 1.00-9.00
- **Schedule:** SI IND +
- **Instructor:** Smith, Sheldon
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/

#### 70281: Thesis Res Am-Ms
- **Course Code:** 73435
- **Title:** Thesis Res Am-Ms
- **Credits:** 1.00-6.00
- **Schedule:** SI IND +
- **Instructor:** Smith, Sheldon
- **Notes:** FIELD COURSE IN JACKSON HOLE, WYOMING. Cannot be taken Pass/Fail. Camp Davis application required in addition to regular registration. See web site at http://www.lsa.umich.edu/earth/campdavis/
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### Program in the Environment

**Environment (ENVIRON)**

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For information, please contact Ben Anderson, LSA Internship Course Coordinator, at lsainternships@umich.edu.

| 250   | Sophomore Seminar HU       | 3.00  | ADVISORY |         |                        |
| 73638 | PI SEM 201                 | ARR    | ARR    |           |                        |

British Invasion

| 270   | UC Special Topics          | 3.00  |         |         | Pariano                |
| 73481 | PI LEC 201                 | ARR    | ARR    | Pariano  |                        |

IES Internship Sem-Dublin/London

For information, please contact Ben Anderson, LSA Internship Course Coordinator, at lsainternships@umich.edu.

| 280   | Undergrad Research         | 1.00-4.00 | ADVISORY |         |                        |
| 70450 | PI REC 201                 | ARR    | ARR    |           |                        |

| 299   | Directed Study             | 1.00-3.00 | ADVISORY |         |                        |
| S     | IND +                      | ARR    | ARR    |           |                        |

| 325   | IGR Directed Study         | 1.00-4.00 | ADVISORY |         |                        |
| IND + | IND +                      | ARR    | ARR    |           |                        |

| 399   | Directed Study             | 1.00-3.00 | ADVISORY |         |                        |
| I     | IND +                      | ARR    | ARR    |           |                        |
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Evening Exam for Math 116: Friday, July 24, 6-8pm.

Evening Exam for Math 116: Friday, July 24, 6-8pm.

Evening Exam for Math 116: Friday, July 24, 6-8pm.

Evening midterms for Math 423: Tues, 7/28, 4-5:45pm and Tues, Aug 11, 4-5:45pm.

Evening midterms for Math 423: Tues, 7/28, 4-5:45pm and Tues, Aug 11, 4-5:45pm.
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### Molecular, Cellular and Developmental Biology (MCDB)

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Near Eastern Studies Department

Ancient Civilizations And Biblical Studies (ACABS)

798 Dir Grad Readings
I IND + ARR ARR 1.00-3.00 ADVISORY

Arabic Studies (ARABIC)

203 IntensIMArabicI&II
73350 PDR REC 201 MTWTHF 9-1PM ARR Schulte-Nafeh 10.00 ADVISORY, ENFORCED
This course will meet May 31-August 9, 2016.
UM students wishing to take this course for credit should email NES-SummerLanguageInstitute@umich.edu to request an override. The email should include the student's full name, uniqname, ID number, language background (if any), and a brief explanation of what course s/he wishes to take and why. Students wishing to take the course as program fee/not for credit through the LSA Summer Language Institute should see lsa.umich.edu/sli for more information on the application process. Information regarding SLI 2016 will be available in early February. Late applications are permitted if open seats exist after this date.

401 Advanced Arabic I
73067 PDR REC 201 MTWTHF 9-1PM ARR Alhawary 5.00 ADVISORY, ENFORCED
This course will meet June 29-July 22, 2016.
UM students wishing to take this course for credit should email NES-SummerLanguageInstitute@umich.edu to request an override. The email should include the student's full name, uniqname, ID number, language background (if any), and a brief explanation of what course s/he wishes to take and why. Students wishing to take the course as program fee/not for credit through the LSA Summer Language Institute should see lsa.umich.edu/sli for more information on the application process. Information regarding SLI 2016 will be available in early February. Late applications are permitted if open seats exist after this date.

402 Advanced Arabic II
73068 PDR REC 201 MTWTHF 9-1PM ARR Alhawary 5.00 ADVISORY, ENFORCED
This course meets July 25-August 16, 2016
UM students wishing to take this course for credit should email NES-SummerLanguageInstitute@umich.edu to request an override. The email should include the student's full name, uniqname, ID number, language background (if any), and a brief explanation of what course s/he wishes to take and why. Students wishing to take the course as program fee/not for credit through the LSA Summer Language Institute should see lsa.umich.edu/sli for more information on the application process. Information regarding SLI 2016 will be available in early February. Late applications are permitted if open seats exist after this date.

Near East Studies (NEAREAST)

291 HU Topics in NES
73597 P W SEM 201 TTH 1-4PM ARR Kayaal 3.00
Children in the Middle East

498 Senior Honors Thesis
I IND + ARR ARR 1.00-6.00

699 Dir Grad Readings
I IND + ARR ARR 1.00-3.00 ADVISORY

990 Diss Pre-Cand
I IND + ARR ARR 1.00-8.00 ADVISORY

995 Dissertation Res
IR IND + ARR ARR 4.00 ENFORCED
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## Physics Department

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There is no required text for the class. However, you will be required to purchase Mastering Physics online.

Students may choose to purchase the electronic version of the textbook (University Physics ed. 13 by Young and Freedman) together with the Mastering Physics registration, only if they so desire.

For students that will take Physics 140 or 240 later on, that textbook is a requirement; for students wanting to take Physics 135 or 235 later, that textbook is not a requirement but it could make a very good supplement material to the officially required Coursepack.

Moreover, all the physics classes mentioned above (120, 135, 140, 235, 240) assign all their homeworks from the same mentioned textbook in addition to using the same common web-based homework software - MasteringPhysics.

More information will be given the first day of class.

### Other Courses

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U of M Schedule of Classes Page 72 of 129 SU 2016 2100 03-15-2016 00:03 16131967
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**Gayle Morris Sweetland Center for Writing (WRITING)**

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Contact Summer Institute office for details and permission to register.

Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission to register, override will be issued.

**SRC Summer Institute Course.** Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission.

**Mixed Methods Research Design**

Contact Summer Institute office for details and permission (isr-summer@umich.edu).

Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission to register, override will be issued.

**SRC Summer Institute Course.** Permission only. Must contact Summer Institute office (isr-summer@umich.edu) for permission.

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Contact Summer Institute office for course details and registration (isr-summer@umich.edu).

72153  PD  SEM 229  MTWTHF  1-4PM  ARR  Suzer Gurtekin
Intro to Survey Research Tech
Contact Summer Institute office for course details and registration (isr-summer@umich.edu).
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- **Prereq**: ADVISORY
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### National Screens
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- **Code**: P
- **CMP**: W
- **SEC**: LEC 201
- **DAYS**: TH
- **TIME**: 2-430PM
- **Location**: ARR
- **CR**: 3.00
- **Prereq**: ADVISORY
- **Lab Fee**: 50.00

### Cuban & Cuban Exile Media
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- **Prereq**: ADVISORY
- **Lab Fee**: 35.00

### Film Noir
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Permission only. Contact SRC Summer Institute 764-6595. 8-weeks, video course.
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WS/SOC 270 is for 3 credits in Summer 2015.
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**Division of Anatomical Science**

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## Music, Theatre & Dance

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Nursing School Of Nursing

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IF TOTAL ACCUMULATED CREDITS FOR NURSING 699 ARE MORE THAN 2, MUST HAVE PERMISSION OF ACADEMIC ADVISOR AND RESEARCH AREA FACULTY MEMBER.

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# Pharmacy

## College Of Pharmacy

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# Public Health

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## School Of Public Policy

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# Ross School of Business

## School of Business Administration

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### Stamps School of Art & Design
#### School Of Art And Design

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