

University of Michigan Taubman College of Architecture and Urban Planning 2021-2022 COLLEGE BULLETIN

DEGREE REQUIREMENTS (sections I,II,III); ACADEMIC POLICIES (section IV)

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Students must adhere to the degree requirements from the year they entered Taubman College. The University of Michigan reserves the right to change, without notice, any statements in the College Bulletin concerning, but not limited to, degree requirements, curricula, courses, faculty, academic policies and rules. If course or curriculum changes take place after you commence your program, we will make every effort to implement the changes in your best interest.

SECTION I: ARCHITECTURE DEGREES

IA: UNDERGRADUATE ARCHITECTURE

Bachelor of Science in Architecture Degree Requirements

In order to qualify for the Bachelor of Science degree, a student must meet the following requirements:

1. Complete a minimum of 121 credit hours, of which a minimum of 50 credit hours, including a minimum of 45 credit hours in architecture courses, must be earned while the student is enrolled in Taubman College
2. Complete all required courses and distribution requirements specified for the first and sophomore years and all required architecture courses specified for the junior and senior years, as listed under "Sample Schedule" on the Taubman College website
3. Earn a passing grade (D or better) in each required architecture course, each required pre-professional course (art, English, mathematics, and physics), and each course used to fulfill distribution requirements (humanities, natural sciences, and social sciences), taken at the University of Michigan. For courses taken at another institution a student must receive a C or better to have the course transferred into the University of Michigan.
4. Earn a minimum cumulative grade point average of 2.0 (C) for all required architecture courses.
5. Earn a minimum cumulative grade point average of 2.0 (C) for all courses taken while enrolled in the college.

Bachelor of Science in Architecture Core Courses

Credit Hours

ARCH 312	Architectural Design 1	6
ARCH 322	Architectural Design 2	6
ARCH 432	Architectural Design 3	6
ARCH 442	Architectural Design 4	6
ARCH 314	Structures 1	3
ARCH 324	Structures 2	3
ARCH 333	Fabrication/Representation	3
ARCH 425	Environmental Systems	3
ARCH 316	Design Fundamentals 1	3
ARCH 317	Design Fundamentals 2	3
*ARCH 313	Architectural History 1	3
*ARCH 323	Architectural History 2	3

**If these courses were not taken prior to entering the degree they must be completed during your studies in the Architecture Program.*

All students expecting to receive the B.S. Architecture degree are required to apply to graduate on Wolverine Access. This should be done at least three months in advance of the expected date of graduation. Students who meet this deadline will have their names published in the Commencement Program. Academic Advisors and Faculty can assist students in planning their course schedules, but the student is ultimately responsible for meeting all program and degree requirements. If degree requirements are not completed for the commencement period to which the student has applied, a student must apply again to be considered for graduation at a subsequent commencement date.

IB: MASTER OF ARCHITECTURE (M.Arch)

2-Year Master of Architecture Degree Requirements

Students must earn 60 credit hours and satisfactorily complete the required courses before a degree is granted. No transfer credit is accepted for graduate level coursework from other institutions.

Specifically, a student must complete:

- Four courses (24 credit hours) of architectural design (ARCH 552, ARCH 562, ARCH 662, and ARCH 672);
- Seven courses (21 credit hours) of specific required architecture courses (ARCH 515: Sustainable Systems, ARCH 516: Architectural Representation, ARCH 527: Integrative Systems, ARCH 537: Fabrication, ARCH 572: Architectural Theory and Criticism, ARCH 583: Professional Practice, and ARCH 660: Thesis Development Seminar);
- Three courses (9 credit hours) of graduate-level (500/600) elective architecture courses;
- Two courses (6 credit hours) of either elective architecture courses or non-architecture courses ordinarily at the graduate level.

Master of Architecture (2-Year) Core Courses

Credit Hours

ARCH 552	Architectural Design V	6
ARCH 562	Architectural Design VI	6
ARCH 672	Architectural Design VII	6
ARCH 660	Thesis Development	3
ARCH 662	Thesis Studio	6
ARCH 515	Sustainable Systems	3
ARCH 516	Representation	3
ARCH 537	Fabrication	3
ARCH 527	Integrative Systems	3
ARCH 572	Architectural Theory and Criticism	3
ARCH 583	Professional Practice	3

Important Notes about M.Arch Degree Requirements:

- It is strongly recommended that all required courses be taken in the terms suggested in the 2-Year M.Arch sample schedule online. Class sizes are limited and those students taking a required course out of the suggested sequence may find that space in some required courses is not available in the preferred term.
- ARCH 583: Professional Practice is offered both fall and winter terms. Students can select when they would like to take this course depending on space available.
- No more than six hours of Tutorial Studies (ARCH 593 and ARCH 600) can be counted toward the 60 credit hour minimum.
- Students who enter the first year of the 2-Year option may not elect required undergraduate architecture courses for credit.

- The one credit hour courses, ARCH 993: Teaching Methods for GSIs, and ARCH 690: Architectural Curriculum Practical Training, cannot be counted towards graduation requirements.
- ELI 530 does not count toward the required 60 credit hours.
- A student must complete the 60 credit hours required for the M.Arch degree with a cumulative GPA of 3.0 or above and with a grade of C- or better in each required architecture course.

All students expecting to receive the Master of Architecture Degree are required to apply to graduate in Wolverine Access. This should be done at least three months in advance of the expected date of graduation. Students who meet this deadline will have their names published in the commencement program. Academic Advisors and Faculty can assist a student in planning course schedules, but the student is ultimately responsible for meeting all program and degree requirements. If degree requirements are not completed for the commencement period to which the diploma application has been filed, a student must complete a new application to be considered for graduation at a subsequent commencement date.

3-Year Master of Architecture Degree Requirements

Students must earn a minimum of 105 credit hours while enrolled in Taubman College, in addition to satisfactorily completing the two pre-requisite courses: Calculus 1 and Physics 1 (lecture and lab). No transfer credit is accepted for graduate-level coursework from other institutions.

Specifically a student must complete:

- Seven courses (42 credit hours) of Architectural Design (ARCH 402, ARCH 412, ARCH 422, ARCH 552, ARCH 562, ARCH 662, ARCH 672);
- Seven courses (21 credit hours) of specific required architecture courses (ARCH 515: Sustainable Systems, ARCH 516: Architectural Representation, ARCH 527: Integrative Systems, ARCH 537: Fabrication, ARCH 572: Architectural Theory and Criticism, ARCH 583: Professional Practice, and ARCH 660: Thesis Development Seminar);
- Two courses (6 credit hours) in History of Architecture (ARCH 413 and an Architectural History Elective course);
- One course (3 credit hours) Environmental Systems (ARCH 425);
- Two courses (6 credit hours) in Structures (ARCH 314 and ARCH 324);
- One course (3 credit hours) in Design Fundamentals (ARCH 416);
- One course (3 credit hours) in Construction (ARCH 417);
- Five courses (15 credit hours) selected from graduate-level (500/600) architecture electives;
- Two courses (6 credit hours) selected from architecture or non-architecture courses ordinarily at the graduate level.

Master of Architecture (3-Year) Core Courses		Credit Hours
ARCH 402	Architectural Design	6
ARCH 412	Architectural Design I	6
ARCH 422	Architectural Design II	6
ARCH 552	Architectural Design V	6
ARCH 562	Architectural Design VI	6
ARCH 672	Architectural Design VII	6
ARCH 660	Thesis Development	3
ARCH 662	Thesis Studio	6
ARCH 314	Structures 1	3
ARCH 324	Structures 2	3
ARCH 413	History of Architecture	3
ARCH 425	Environmental Systems	3
ARCH 416	Design Fundamentals	3
ARCH 417	Construction	3
ARCH 515	Sustainable Systems	3
ARCH 516	Representation	3
ARCH 537	Fabrication	3
ARCH 527	Integrative Systems	3
ARCH 572	Architectural Theory and Criticism	3
ARCH 583	Professional Practice	3

Important Notes about M.Arch Degree Requirements:

- Students should make every effort to take all required courses in the terms suggested in the sample schedule. Class sizes are limited and space may not be available in the preferred term for students taking required courses out of the recommended sequence.
- ARCH 583: Professional Practice is offered both fall and winter terms. Students can select when they would like to take this course depending on space available.
- No more than six hours of tutorial studies (ARCH 593, ARCH 600) can be counted toward the 105-hour minimum.
- The student must earn a cumulative GPA of 3.0 or above, with a grade of C- or better in each required architecture course.
- All required 300- and 400-level architecture courses should be completed by the end of the first year.

All students expecting to receive the Master of Architecture Degree are required to apply to graduate in Wolverine Access. This should be done at least three months in advance of the expected date of graduation. Students who meet this deadline will have their names published in the commencement program. Academic Advisors and Faculty can assist a student in planning course schedules, but the student is ultimately responsible for meeting all program and degree requirements. If degree requirements are not completed for the commencement period to which the diploma application has been filed, a student must complete a new application to be considered for graduation at a subsequent commencement date.

IC: Master of Science in Architecture Design and Research Degree Requirements

Master of Science in Architecture Design and Research; **Concentration: Digital and Material Technologies**

Students must earn a minimum of 36 credit hours with a GPA of 3.0 (B) or better. NFC (not for credit) or undergraduate courses do not count toward the 36 credit hour requirement.

Specifically a student must complete:

- One course (6 credit hours) MS Practicum (ARCH 700);
- One course (3 credit hours) MS Proseminar (ARCH 714);
- One course (3 credit hours) Theories in Digital and Material Technologies (ARCH 701);
- Three courses (9 credit hours) selected from the following: ARCH 702: Robotic Engagement (3 credits), ARCH 703: Virtual Engagement (3 credits), ARCH 707: Material Engagement (3 credits), ARCH 708: Systems Engagement (3 credits);
- Once course (6 credit hours) MS Capstone (ARCH 739);
- Two courses (6 credits) of graduate-level (500/600) elective architecture courses;
- One courses (3 credits) of either elective architecture courses or non-architecture cognate courses at the graduate level.

Master of Science in Architecture Core Courses		Credit Hours
ARCH 700	MS Practicum	6
ARCH 714	MS Proseminar	3
ARCH 701	Theories in Digital and Material Technologies	3
Three out of the following four courses:		
	ARCH 702: Robotic Engagement	3
	ARCH 703: Virtual Engagement	3
	ARCH 707: Material Engagement	3
	ARCH 708: Systems Engagement	3
ARCH 739	MS Capstone	6

All students expecting to receive the Master of Architecture Degree are required to apply to graduate in Wolverine Access. This should be done at least three months in advance of the expected date of graduation. Students who meet this deadline will have their names published in the commencement program. Academic Advisors and Faculty can assist a student in planning course schedules, but the student is ultimately responsible for meeting all program and degree requirements. If degree requirements are not completed for the commencement period to which the diploma application has been filed, a student must complete a new application to be considered for graduation at a subsequent commencement date.

ID: Ph.D. in Architecture Degree Requirements

Students who have been offered admission are required to complete a minimum of 40 credit hours of graded course work (including core courses and electives) prior to achieving candidacy.

Specifically, students are required to take:

1. 13 credit hours of core courses (including 3 credit hours related to the Research Practicum);
2. 12 credit hours of letter-graded courses in the major specialization area;
3. 9 credit hours of letter-graded courses in the minor specialization area;
4. 6 credit hours of letter-graded elective courses.

All students who anticipate working with quantitative or qualitative data manipulation are required to complete at least 3 credit hours of graded coursework in statistical analyses and/or advanced research methods (beyond the required core course).

Students must complete two consecutive terms of full-time graduate work in residence beginning in the fall term of their first year so that the core courses may be taken in the required sequence. Students who have been offered special admission will be required to complete additional course work. Rackham requires that graduate-level cognate courses of four credit hours be satisfactorily completed in a department/program other than the Architecture Program. These courses may be used to satisfy the major or minor requirement and must be approved by the student's major advisor. These credit hours are not additional to the 40 required hours. Upon satisfactorily completing all Ph.D. coursework, a Ph.D. student is eligible to apply for and be awarded the Master of Science degree.

Ph.D. in Architecture Core Courses

The core curriculum for the degree consists of courses in the theoretical foundations of architecture, research methods, and seminars relating to the student's major and/or minor specialization areas. For detailed description of these courses see the Course Descriptions section.

Ph.D. in Architecture Core Courses		Credit Hours
ARCH 801	Doctoral Colloquium: Ethics and Doctoral Research	1
ARCH 812	Theory in Architectural Research	3
*ARCH 813	Research Design and Methods in Architecture	3
Area Seminar (choose one of three options)		
	ARCH 823: Area Seminar	3
	ARCH 824: Area Seminar	3
	ARCH 825: Area Seminar	3
ARCH 839	Research Practicum	3
TOTAL		13

**With approval from Doctoral Studies a student may elect to take another 3 hour methods course in lieu of ARCH 813.*

IE: MASTER OF ARCHITECTURE DUAL DEGREES

Students should see an Academic Advisor in both schools to discuss an appropriate plan of study for a dual degree. It is the responsibility of the student to seek out and follow the academic policies and procedures of each school.

Graduate students enrolled in the 3-Year M.Arch degree must complete all required 300- and 400-level course work before applying to a dual degree program.

2-Year M.Arch/MURP Degree Requirements

Students in the joint M.Arch/MURP degree must complete a minimum of 84 credit hours.

Specifically, a student must complete:

1. 45 credit hours of graduate-level (500/600) architecture courses, including
 - a. four courses (24 credit hours) of architectural design (ARCH 552, ARCH 562, ARCH 662, ARCH 672,)
 - b. seven courses (21 credit hours) of specific required architecture courses - ARCH 515: Sustainable Systems, ARCH 516: Architectural Representation, ARCH 527: Integrative Systems, ARCH 537: Fabrication, ARCH 572: Architectural Theory and Criticism, ARCH 583: Professional Practice, and ARCH 660: Thesis Development Seminar
2. 30 credit hours of graduate-level urban and regional planning courses, including all core coursework unless waived by the instructor
3. 9 additional graduate-level elective courses needed to fulfill the minimum 84 credit hours

A cumulative GPA of "B" must be earned in each unit and not more than 24 credit hours may be double-counted toward the two degrees.

Each unit maintains a separate transcript and either degree may be awarded independently, provided the requirements for the single degree have been met.

2-Year M. Arch/M.B.A. Degree Requirements

Students in the joint M.Arch/M.B.A. degree must complete a minimum of 90 credit hours, including a minimum of:

60 credit hours in Taubman College (cannot include transfer credit or work experience) including:

- 24 credit hours of architectural design (ARCH 552, ARCH 562, ARCH 662, and ARCH 672)
- Seven courses (21 credit hours) of specific required architecture courses (ARCH 515: Sustainable Systems, ARCH 516: Architectural Representation, ARCH 527: Integrative Systems, ARCH 537: Fabrication, ARCH 572: Architectural Theory and Criticism, ARCH 583: Professional Practice, and ARCH 660: Thesis Development Seminar)
- 15 credit hours of transferable electives from the Ross School of Business

57 credit hours in the Ross School of Business, including:

- 30 credit hour M.B.A. core (no credit is awarded for Business Administration core courses successfully waived; credit must be earned with Business electives)
- 15 elective credit hours in Business Administration
- 12 credit hours of transferable electives from Taubman College

2-Year M.Arch/M.Eng Degree Requirements

The dual M.Arch/M.Eng degree requires the completion of a minimum of 73 credit hours.

Specifically, a student must complete:

1. Four courses (24 credit hours) of architectural design (ARCH 552, ARCH 562, ARCH 662, ARCH 672);
2. Seven courses (21 credit hours) of specific required architecture courses (ARCH 515: Sustainable Systems, ARCH 516: Architectural Representation, ARCH 527: Integrative Systems, ARCH 537: Fabrication, ARCH 572: Architectural Theory and Criticism, ARCH 583: Professional Practice, and ARCH 660: Thesis Development Seminar)
3. Three courses (9 credit hours) of graduate-level (500/600) elective architecture courses
4. 9 credit hours of Construction Engineering “core” courses (CEE 531, CEE 532, and CEE 536)
5. 6 credit hours of graduate-level Construction Engineering courses
6. 3 credit hours of a Construction Practice seminar (CEE 530)
7. Any additional cognate/elective courses needed to fulfill the 73 credit hours and general requirements of each degree

In addition to the requirements outlined above, students must also complete—by the end of their first year of graduate study—the following courses or approved equivalents: CEE 351 Civil Engineering Materials, CEE 431 Construction Contracting, CEE 432 Construction Engineering, and CEE 445 Engineering Properties of Soils. In order to minimize scheduling problems, students are strongly encouraged to complete these courses prior to entering the dual degree. Note that these four courses, as well as other 300- and 400-level courses, will not be recognized for graduate credit within the 26 credit hours required for the M.Eng degree.

A cumulative GPA of “B” must be earned in each unit and no more than 13 credit hours may be double-counted toward the two degrees. Each unit maintains a separate transcript and either degree may be awarded independently, provided the requirements for the single degree have been met.

SECTION II: URBAN DESIGN DEGREES

IIA: MASTER OF URBAN DESIGN (MUD)

Master of Urban Design Degree Requirements

The MUD Degree requires 45 academic credits. The program is 1 and ½ years in length consisting of 3 full terms (year 1 fall and winter terms, year 2 fall term only).

Master of Urban Design Courses		Credit Hours
UD 712	Studio I	6
UD 722	Studio II	6
UD 732	Studio III	6
UD 713	History of Urban Form	3
UD 714	Representation	3
UD 715	Theories and Methods of Urban Design	3
UD 716	Urban Economics, Finance, and City	3
UD 717	The City and Urban Design: History, Movements, Policies and Outcomes	3
Directed Elective: Policy, Law, Institutions		3
Directed Elective: Ecology, Landscape, Sustainability		3
Open elective(s)		6

All students expecting to receive the Master of Urban Design Degree are required to apply to graduate in Wolverine Access. This should be done at least three months in advance of the expected date of graduation. Students who meet this deadline will have their names published in the commencement program. Academic Advisors and Faculty can assist a student in planning course schedules, but the student is ultimately responsible for meeting all program and degree requirements. If degree requirements are not completed for the commencement period to which the diploma application has been filed, a student must complete a new application to be considered for graduation at a subsequent commencement date.

SECTION III: URBAN and REGIONAL PLANNING DEGREES

IIIA: Bachelor of Science in Urban Technology

In order to qualify for the Bachelor of Science degree, a student must meet the following requirements:

1. Complete a minimum of 120 credit hours.
2. Complete all required courses and distribution requirements specified including a minor from a select group as listed under “Degree Requirements” on the college website.
3. For courses taken at the University of Michigan you must earn a passing grade (D or better) in each required course, in each required pre-professional course (FYWR, Race & Ethnicity, statistics and economics), and in each course used to fulfill liberal arts distribution requirements (humanities, and social sciences). For courses taken at another institution, a student must receive a C or better to have the course transferred into the University of Michigan Taubman College of Architecture and Urban Planning.
4. Earn a minimum cumulative grade point average of 2.0 (C) for all required architecture courses.
5. Earn a minimum cumulative grade point average of 2.0 (C) for all courses taken while enrolled in the college.

Bachelor of Science in Urban Technology Core Courses		Credit Hours
UT 101	Why Cities?	3
UT 102	Anatomy of a City	3
UT 103	The Incomplete City: Design Workshop	3
UT 201	Change-Making in Cities	3
SI 106	Programs, Information and People	4
SI 206	Data-Oriented Programing	4
ARCH 411	Becoming Digital	3
ARCH 251	Seeing – Freehand Drawing	2
UT 210	Insights from Ethnography and Observation	2
UT 230	Studio - Design and Urban Inquiries	6
UT 330	Studio - Interaction Design and Urban Experiences	6
UT 360	Advanced Studio - Service Design and Urban Needs	6
UT 430	Advanced Studio - Strategic Design and urban Systems	6
UT 401	Reflective Practice & Career Pathways	4

All students expecting to receive the B.S. Urban Technology degree are required to apply to graduate on Wolverine Access. This should be done at least three months in advance of the expected date of graduation. Students who meet this deadline will have their names published in the Commencement Program. Academic Advisors and Faculty can assist students in planning their course schedules, but the student is ultimately responsible for meeting all program and degree requirements. If degree requirements are not completed for the commencement period to which the student has applied a student must apply again to be considered for graduation at a subsequent commencement date.

IIIB: MASTER OF URBAN and REGIONAL PLANNING (MURP)

Master of Urban and Regional Planning Degree Requirements

In order to obtain the Master of Urban and Regional Planning degree, a student must fulfill the following requirements:

1. The student must complete a minimum of 48 approved credit hours, of which:
 - a) a minimum of 30 hours must be in graduate-level urban and regional planning courses;
 - b) no more than eight hours may be counted from among individual study-type courses (i.e., URP 601, 602, 612, or 613).
2. The student must complete all core courses, unless waived by the faculty member who teaches a specific core course.
3. Each student must complete a course in economics (URP 509) if not taken as an undergraduate.

Each student must earn an overall grade point average of 3.0 (“B”) or better while enrolled in the degree.

Incoming students are assigned a faculty advisor with whom programs of study, course alternatives, focus area choices, and career objectives are explored. The counseling procedure within the degree varies according to the individual student’s needs and their evolution through the four terms of study.

All students may request an Online Advising File (OAF) from the academic advising team. The OAF serves as the official record of a student’s progress toward degree requirements. Meeting with advising regularly and keeping the OAF up to date helps to ensure that degree requirements are met in a timely fashion.

MURP Core Courses

Generally, students take the majority of their courses during the first year from among the offerings of the Urban and Regional Planning Program. A series of core courses serve to give the student a broad-based knowledge of planning. These classes deal with urban planning analysis, history and theory, professional practice, and the social, economic, political, legal, and physical aspects of urban and regional planning. If a student already possesses an acceptable level of competence in an area covered by a core course, an elective may be substituted. The determination as to whether or not a student possesses an acceptable level of competence will be made by the respective instructor in a core course in consultation with the student, and/or the chair. The core courses required of MURP students are as follows:

Master of Urban and Regional Planning Core Courses		Credit Hours
URP 500	Planning Theory and History	3
URP 506	Planning Methods	3
URP 509	Public Economics for Urban Planning*	2 or 3
URP 502 or URP 503	U.S. Planning Institutions and Law Comparative Planning Institutions and Law	3
URP 507	Fundamentals of Planning Practice	3

URP 510	Fiscal Planning and Management	2 or 3
URP 603 or URP 601 or URP 602	Capstone Studio Planning Thesis Professional Project	6

* Or a microeconomics course taken prior to program entry.

All students expecting to receive the Master of Urban and Regional Planning degree are required to apply to graduate on Wolverine Access. This should be done at least three months in advance of the expected date of graduation, and specifically by the deadline published by Rackham Graduate School. Students who meet this deadline will have their names published in the Commencement Program. Academic Advisors and Faculty can assist students in planning their course schedules, but the student is ultimately responsible for meeting all program and degree requirements. If degree requirements are not completed for the commencement period to which the student has applied a student must apply again to be considered for graduation at a subsequent commencement date.

IIIC: MASTER OF URBAN and REGIONAL PLANNING FORMALLY STRUCTURED DUAL DEGREES

Students should see an Academic Advisor in both schools to discuss an appropriate plan of study for a dual degree. It is the responsibility of the student to seek out and follow the academic policies and procedures of each school.

MURP/M.Arch Degree Requirements

Students in the joint M.Arch/M.U.R.P. degree must complete a minimum of 84 credit hours.

Specifically, a student must complete:

1. 45 credit hours of graduate-level (500/600) architecture courses, including four courses (24 credit hours) of architectural design (Arch 552, Arch 562, Arch 662, Arch 672,) and seven courses (21 credit hours) of specific required architecture courses - Arch 515: Sustainable Systems, Arch 516: Architectural Representation, Arch 527: Integrative Systems, Arch 537: Fabrication, Arch 572: Architectural Theory and Criticism, Arch 583: Professional Practice, and Arch 660: Thesis Development Seminar
2. 30 credit hours of graduate-level urban and regional planning courses, including all core coursework unless waived by the instructor
3. 9 additional graduate-level elective courses needed to fulfill the minimum 84 credit hours

A cumulative GPA of "B" must be earned in each unit and not more than 24 credit hours may be double-counted toward the two degrees.

Each unit maintains a separate transcript and either degree may be awarded independently, provided the requirements for the single degree have been met.

MURP/M.B.A. Degree Requirements

The dual degree is an 84-credit-hour degree that can be completed in three years. This combines the two-year, 48-credit-hour master of urban and regional planning with the two-year, 57-credit-hour master of business administration. Each student must take at least 45 credits of Business School courses and at least 30 credits of urban and regional planning courses with an additional 9 credits registered for in either degree. Students must meet the requirements of both degrees. Total credit hours needed $30 + 45 + 9 = 84$. Both schools must agree to admission of a student to the dual degree.

Coordinated Requirements

Students are encouraged to take electives that address their specific interests in combining the two degrees. Here are some examples:

1. A student interested in urban real estate development may elect a set of urban real estate development or finance courses. These include:
 - An introductory course in real estate
 - A course on the planner as developer
 - Urban and regional development
 - Real estate finance
 - Real estate law

A course focused on a real estate project, such as the capstone course in urban planning, may meet the requirement in Planning for an integrative, practice-oriented experience.

1. A student interested in management of urban operations may elect a series of courses in a topic of interest in urban management. These might include:
 - The series of Planning concentration courses in transportation (for interest in public transit agencies), the series of Planning concentration courses in housing, community, and economic development (for interest in public housing), and so forth.
 - Courses in public and nonprofit management in the Business School.
2. A student interested in urban revitalization through economic development may elect a series of courses that bring the public and private perspectives on economic development together. These could include:
 - The series of courses in economic development in Planning (see the concentration in housing, community, and economic development planning).
 - Urban entrepreneurship in the Business School
 - Business plans and entrepreneurship in the Business School

MURP/J.D. Degree Requirements

Students who are registered in the first or second year at the Law School or the first year of the Urban and Regional Planning Program may apply for admission to the dual degree. The combined degree is not open to those who have already earned either the J.D. or the MURP.

Basic Requirements for the MURP

- The MURP degree requires a minimum of 48 credit hours, including core courses. Students must earn a minimum of 33 credit hours toward the MURP, 30 of which must come from URP courses
- Fifteen (15) credit hours may be satisfied by appropriate courses taken in the Law School.

Basic Requirements for the J.D.

- Students entering the Law School must complete the required first-year law curriculum.
- Students admitted to the Law School must earn a minimum of 82 credits toward the J.D., at least 70 of which must be earned in Law School courses.
- Law students are required to complete a course in professional responsibility, translational law, and an upper-class writing requirement.
- Twelve (12) credit hours may be taken from the satisfaction of requirements for the MURP.

Coordinated Requirements

Applicants must gain separate and independent admission to both schools. Applicants should contact the Law School Admissions and Taubman College of Architecture and Urban Planning offices for application and admission information. The applicant's LSAT score may be used in place of the GRE.*

Students must satisfy the degree requirements of each school and should consult with advisors in each school for the precise graduation requirements for each degree and for information about course offerings.

- Students should not expect any Law School courses beyond first-year courses to be offered in the summer term.
- Students will not receive credit toward the J.D. for non-law coursework taken prior to matriculation at the Law School.
- Students should consult with the advisor at the companion school concerning credit toward the MURP for Law coursework.
- During the third and fourth years of the degree, students are permitted to elect courses in both schools.
- Students generally are not restricted in their selection in each school beyond the first year in Law School and the core curriculum in the Urban and Regional Planning Program.

Tuition will be assessed at either the Law School or the Graduate School rate, whichever is higher, when courses toward both degrees are taken in one term.

At the beginning of their final year of study in the combined degree, students should consult with the Taubman College Registrar and the Law School Registrar regarding forms that need to be completed prior to graduation. Also at the same time, students should submit a Dual/Joint Degree Election Form at (<http://www.rackham.umich.edu/downloads/oard/forms/dualjoint6010.pdf>) for approval from both the Law School and Taubman College of Architecture and Urban Planning.

MURP/M.S. (SEAS) Degree Requirements

The regular MS degree in SEAS is a two-year 42 credit hour degree, while the MURP degree in URP is a two-year 48 credit hour degree. The dual degree is a 75-credit hour degree designed for completion normally in 3 years (i.e., six full-time semesters of study, averaging 12.5 credit hours per semester).

For the dual degree, students take the required 42 credit hours in SEAS and 48 credit hours in URP with 15 credits double counted. This adheres to Rackham double counting requirements. In completing this coursework, students must accumulate a minimum of 30 URP credit hours and 25 EAS credit hours. Core or focus area/field of study required courses may include courses that double count for the two degrees, depending on the particulars of a given student's program of study, as long as the total credit hour requirements are met. In URP, dual degree students usually choose a focus area in land use and environmental planning, physical planning and design, or housing, community and economic development, although they are not limited to those focus areas. Similarly, dual degree students in SEAS have typically chosen the sustainable systems or environmental policy and planning fields of study, although they are not limited to those fields of study.

Coordinated Requirements:

Both degrees require an integrative, applied experience beyond traditional classroom instruction:

- In SEAS this is the MS thesis or group Project while in URP this is a Capstone (or an approved thesis or professional project).
- Allowing students to complete one, or the other, of these capstone requirements is a key part of the dual degree that makes its completion in three years feasible.
- The MS thesis or group project for SEAS (EAS 700/701) may satisfy the Capstone requirement for URP (URP 603 or 601/602), if the student has satisfied the first-year core degree requirements for URP (URP 506, 507, 509, 502 or 503, and 500 or 501) before undertaking the MS thesis or group project and if the MS thesis and group project addresses a planning-related topic.
- Conversely, the Capstone requirement for URP may satisfy the MS thesis or group project requirement for SEAS if the student has satisfied the core degree requirements for SEAS (EAS 509, 510, and 580) before undertaking the Capstone and if the Capstone project addresses an environmentally related topic.

For the purposes of this dual degree, the following pairs of courses are recognized as interchangeable, satisfying degree requirements for both degrees:

- URP 509 (Public Economics – 3 cr) and EAS 570 (Environmental Economics – 3 cr);
- URP 520 (Introduction to GIS – 3 cr) and EAS 531 (Principles of GIS – 4 cr).

IIID: MASTER OF URBAN and REGIONAL PLANNING STUDENT INITIATED DUAL DEGREES

MURP/M.S.W. Degree Requirements

The MURP/M.S.W. is a 90-credit-hour degree designed for completion in 2-1/2 to 3 years. Students take 60 credit hours in Social Work, 48 credit hours in Urban and Regional Planning; 18 of which may double-count toward both degrees. Students meet the specific requirements of each degree. In Social Work, students usually major in community organization and also concentrate in a substantive policy or service field. Human behavior and social environment courses emphasize community structure, organizational processes, and related areas. In Urban and Regional Planning, students usually choose to concentrate in housing, community, and economic development or international development. Students often take courses in non-profit and public management and take advantage of seminars and workshops offered through the University's Non-Profit and Public Management Center.

MURP/M.L.A Degree Requirements

The M.L.A./MURP degree is a 70 credit hour degree that can be completed in 3-1/2 to 4 years. The MURP requires 48 credits (with 30 of these in urban planning courses); the M.L.A. requires 36 credits. Fourteen of these can be double counted. M.L.A. students take approximately 29 credits of prerequisites early in their degree; these do not count toward the 36 credit total for the M.L.A. degree; that is the degree and its prerequisites ordinarily comprise about 65 credits. A student in the dual degree must meet the requirements of both degrees.

In urban and regional planning, students often choose a concentration in physical planning and urban design, land use and environmental planning, or housing, community and economic development. In landscape architecture, students proceed through a structured sequence of studios and complementary support courses, while taking advantage of elective courses in the School of Natural Resources and Environment.

MURP/M.P.P. Degree Requirements

The MURP/M.P.P. degree is an 80 credit hour degree that can be completed within three years. The M.P.P. and the MURP each require 48 credits; 16 credits may be double-counted, according to the Rackham guidelines, but students should check with the Ford School before assuming that a given course may be double-counted toward the M.P.P. Students meet the specific requirements of both degrees. In Urban and Regional Planning, students usually choose a focus area in transportation or housing, community and economic development. In Public Policy, a student's concentration is the area of the dual degree, Urban and Regional Planning. Students take required courses in statistics and math, economics, the political environment for policy, cost-benefit analysis, public management, ethics, and a policy exercise. Students normally enroll nearly full time in one school one year and nearly full time in the second school the second year. They usually combine courses from both schools in the third year.

MURP/M.P.H. Degree Requirements

The MURP/M.P.H. is a 90 credit hour degree for students without relevant health education experience or advanced degrees. Students take 60 credits for the M.P.H. and 48 credits for the MURP. Eighteen of these credits may be counted in both degrees. Students take at least 30 credits in the Urban and Regional Planning Program. Students normally complete the dual degree in three years of full-time study.

IIIE: Graduate Certificate in Real Estate Development

The Graduate Certificate in Real Estate Development is an interdisciplinary field. Therefore, courses for the certificate come from the University of Michigan's Business, Law, Urban and Regional Planning, Environment and Sustainability, Landscape Architecture, Architecture, Urban Design, and Engineering Schools. Students are eligible to apply either as (1) a University of Michigan graduate student or (2) as a real estate professional on a stand-alone, certificate-only, basis. Applicants have to be a graduate of an accredited four-year college or university. We welcome applications from real estate professionals in the Detroit metropolitan area who are not currently enrolled at U-M. Most of our U-M graduate students are enrolled in urban planning, business, law, urban design, architecture, public policy, natural resources, and social work.

Certificate students must complete a total of 17 credit hours. Enrollment will be limited to 60 students at any one time.

Course Requirements

Students are encouraged but not required to have completed a course in microeconomics before beginning the certificate. Students will complete the following requirements (see courses page for specific course offerings):

An introductory real estate development overview course. The aim of these courses is to give students an overview of the process of real estate development from conception to completion before they enter courses that deal with detailed aspects of development.

At least three credits in real estate finance and investment. These courses provide understanding of how real estate is financed and why investors are interested in real estate. Students will learn about the role of real estate finance in capital markets and about the structure of financing for real estate projects.

At least three credits in real estate and land use law. These courses provide background in the legal structure that encourages, discourages, and controls different types of real estate development. These courses provide the background for understanding why jurisdictions regulate development and how regulation can enhance the quality of development.

At least three credits in real estate in the urban development context. These courses encourage students to consider what constitutes desirable development that enhances the quality of life.

At least three credits in design and implementation. These courses aim to give students background in complex areas of design and implementation of real estate development projects.

An integrative seminar. This two-credit course will address special topics in real estate with the goal of giving students an opportunity to study specific issues in a seminar setting and to share ideas among all those in the certificate.

Please review the Graduate Certificate in Real Estate Development Requirement Checklist, available online at <http://studyrealestate.umich.edu>. This should be filed with the Taubman College Registrar (2326 Art and Architecture Building).

IIIF: Graduate Certificate in Healthy Cities

The Certificate in Healthy Cities provides University of Michigan graduate students with a mechanism to study the interdisciplinary relationships linking policy making, health science, and spatial planning in a systematic, focused manner. Although several degree programs at the university offer courses related to cities and public health themes, no single program contains the full breadth of knowledge and skillsets students will need to meet the future health challenges of global urbanism. The certificate program in Healthy Cities offers students a roadmap for integrating discussions of the social, physical, and political determinants of urban public health.

The certificate requires students to complete a minimum of 13 credits of coursework.

Course Requirements

Students will complete the following requirements (see courses page for specific course offerings):

Healthy Cities from a Public Health Perspective. These courses examine the social determinants of urban health and describe the history and role of public health professionals in promoting healthful cities and neighborhoods.

Healthy Cities from a Planning and Design Perspective. These courses highlight the functional interrelationship between the physical form of built environments and the health and wellness of urban inhabitants.

Healthy Cities from a Public Policy Perspective. These courses provide students with the knowledge to examine and create innovative policy solutions to pressing complex urban public health concerns.

Specialized coursework requirements. Three credits of specialized elective coursework to be completed in a program of the student's choosing. The specialized coursework experience allows students to explore this triad of knowledge from a variety of perspectives including, for instance, health issues in global mega-cities, urban health equity and social justice, community development and neighborhood health, or urban ecology and public health.

Integrative coursework requirement. One credit from participation in an integrative seminar. The integrative Healthy Cities seminar pulls public health, built environment, and public policy perspectives together into a single classroom.

IIIG: Graduate Certificate in Urban Informatics

Urban informatics is an interdisciplinary field of research and practice that uses information technology for the analysis, management, planning, inhabitation, and usability in cities. The Graduate Certificate in Urban Informatics introduces students to this field, and includes not only technical skills for technology development and data analysis, but also opportunities to explore the ethical, legal, and policy questions created by new urban technologies.

Certificate students must complete a total of 15 credits of coursework.

Course Requirements

Students will complete the following requirements (see courses page for specific course offerings):

Introduction to Urban Informatics. The core course will provide students foundational technical and theoretical knowledge, as well as cultivate a student community.

Urban Context Elective. All students are required to take 3 credits of urban context courses which

provide a holistic introduction to an urban policy domain in of their choosing.

Analytical Methods Elective. The analytical method requirement builds on skills introduced in the core course, providing students with technical skills in one of three areas: *spatial analysis, databases, and data analysis.*

Programming, Design or Entrepreneurship Elective. All urban informatics students must demonstrate basic proficiency in a computer programming language of their choosing.

Integrative Coursework Requirement. The integrative experience allows students to integrate the knowledge obtained from other coursework, and can be satisfied 1) by taking a course from a list of approved electives or 2) by completing a project-based course.

IIII: Real Estate Development Minor

Through the University of Michigan's minor in real estate development, undergraduate students in many fields can supplement their major areas of study with broad knowledge about improving metropolitan developments. Drawing on faculty expertise from Taubman College of Architecture and Urban Planning, the Ross School of Business, and the School of Kinesiology, the program guides students in integrating disciplines that shape the built environment and enhance the quality of life for all people while conserving the natural environment.

The Real Estate Development minor currently is open to undergraduate students enrolled at Taubman College; Michigan Ross, the Schools of Kinesiology; Public Health; Information; Music, Theatre & Dance, Stamps School of Art and Design, Ford School of Public Policy and the College of Engineering.

Students must be of sophomore standing and above, declared major and in good academic standing. Students must also have complete one of the listed prerequisite course in economics.

The minor requires a minimum of 15 credits in addition to prerequisites, with 10 out of the 15 credits being upper level courses.

Course requirements

Students will complete the following requirements (see <http://studyrealestate.umich.edu> for specific course offerings):

Foundational Courses (6 crs). Foundational courses introduce students to the field of real estate and cities to ground future work with an understanding of market mechanisms.

Electives: A minimum of 9 credits (no more than one course below 300 level. Electives to complete the minor cover a range of disciplines to allow you to craft a course of study that fits your interests. From kinesiology to business to anthropology, courses can be selected that assist in preparing you to be effective in a range of fields.

III: Ph.D. IN URBAN and REGIONAL PLANNING

URP Ph.D. Degree Requirements

Degree requirements are divided into two stages: pre-candidacy and candidacy. The former involves course work and qualifying examinations, after which the student advances to candidacy. The second stage includes the dissertation research proposal and the completion of the dissertation. The Doctor of Philosophy (Ph.D.) degree in urban and regional planning is granted upon the successful completion and defense of the dissertation.

Pre-Candidacy Requirements

Pre-candidacy requirements include five areas:

- Planning theory
- Analytic methods
- Research design
- Primary area of specialization
- Secondary area of specialization

Students meet these requirements through coursework and exams over a two year period. During this time, a student's cumulative grade point average may not fall below a B without academic discipline or probation.

Required Courses

Four courses are required of all Ph.D. students, including two doctoral-level planning theory courses and a two-semester research seminar sequence.

The two theory courses, Advanced Urban Theory (URP 700) and Epistemology and Reasoning for Planning Research (URP 701), are offered during the fall term in alternating years. These courses are designed to provide doctoral students a solid theoretical foundation for conducting rigorous scholarly inquiry within the planning field.

First year students are required to take URP 801 (Research Design) during the winter term of the first year. Second-year students are required to take URP 802 (Research Seminar) in the winter term of the second year. [Total of seven credit hours]

These seminars have three objectives.

- First, they expose students to various approaches to research related to planning.
- Second, they enable students to formulate and test out researchable topics among faculty and student peers.
- Finally, they enable students to gain experience in developing an appropriate research design, in writing a detailed research proposal, and in formally presenting the proposal to an audience of faculty and students in a seminar during winter semester.

Overview of URP PhD Core Curriculum

Courses		Credit Hours
THEORY		
URP 500	Planning Theory and History (required for students without a master's degree in urban planning or without a previous equivalent course)	3
URP 700	Advanced Urban Theory (offered fall term in even number years)	3
URP 701	Epistemology and Reasoning for Planning Research (offered fall term in odd number years)	3
TOTAL		6-9
<i>NOTE: A written theory examination is given to all eligible students once per year, normally in May (after two years of coursework).</i>		
RESEARCH DESIGN and METHODS		
URP 801	Research Design	3
URP 802	Research Seminar	4
Analytical Methods (2 semesters graduate level statistics)		6
2 areas of dissertation-related methods (e.g., spatial analysis, qualitative methods) satisfied through 6 credit hours of coursework		6
TOTAL		19
<i>NOTE: No examination. Requirement is satisfied through grades of B or higher in all courses.</i>		
SPECIALIZATION		
URP 612	Directed Study (literature review in area of specialization, generally completed during the second or third semester)	3
3 or 4 courses in student-defined area of specialization		9-12
2 or 3 courses in secondary area of specialization		6-9
TOTAL		18-24
<i>NOTE: Comprehensive examination (written take-home and oral) on primary and secondary areas of specialization. Exam tailored to, and scheduled by the student.</i>		
Total core curriculum credit hours		43-52

SECTION IV: ACADEMIC POLICIES AND PROCEDURES

IVA: ACADEMIC POLICIES FOR STUDENTS IN RACKHAM GRADUATE SCHOOL

Students enrolled in the Ph.D. in Architecture, Master of Science, or the Urban and Regional Planning Program (Master of Urban and Regional Planning, Ph.D. in Urban and Regional Planning) must refer to the Rackham Graduate School online publications for the most up-to-date information on admission, programs of study, courses, fees and expenses, financial support, academic standards, and various other policies at the web address below:

Office of Admissions
Horace H. Rackham School of Graduate Studies
The University of Michigan
106 Rackham Building
915 E. Washington Street
Ann Arbor, MI 48109-1070

Phone: (734) 764-8129

Fax: (734) 647-7740

Email: rackadmis@umich.edu

Web: <http://www.rackham.umich.edu/current-students/policies>

IVB: TAUBMAN COLLEGE ACADEMIC POLICIES: GENERAL INFORMATION

The following information (Section IVB through Section IVF) on academic policies and procedures specifically pertains to students enrolled in the Bachelor of Science in Architecture Degree, the Master of Architecture Degree and the Master of Urban Design Degree.

<http://taubmancollege.umich.edu/architecture/students/non-rackham-policies>

Admission

Admission requirements and procedures are described on the Taubman College of Architecture and Urban Planning website. Please visit <http://taubmancollege.umich.edu/architecture/admissions/apply/> for more information.

Readmission

Students returning to the Architecture Program who have not been enrolled for more than 12 months must formally apply for readmission. Inquiries should be directed to:

Architecture Admissions
2000 Bonisteel Boulevard
Ann Arbor, MI 48109-2069

Phone: (734) 764-1649 Fax: (734) 763-2322

The application for readmission should be filed no later than two months before the beginning of the term of re-enrollment.

Orientation

Taubman College first-year students participate in the Office of New Student Programs Orientation. All other Taubman College students are required to attend Taubman College's New Student Orientation prior to the start of classes. It is important that all entering students attend. Students will receive detailed orientation information before the scheduled orientation.

Registration

Students are officially enrolled for a term at the time of registration. Each student completes this registration process by using Wolverine Access, a web-based information system. Students will receive detailed information about registering for courses during the summer before classes begin. Directions for Wolverine Access registration are in the "University of Michigan Schedule of Courses" for a selected term. A late registration fee will be assessed to students who register after the end of the scheduled registration period for any term or program. Please refer to the section on "Fees and Expenses."

Academic Counseling

The chair of the Architecture Program coordinates academic counseling. Throughout their period of enrollment, students are encouraged to consult with various members of the faculty regarding academic and career goals. Taubman College also has an Academic Advisor(s) on the Student Affairs team who can help with course selection and other needs of the student. All students may request an Online Advising File (OAF) from the academic advising team. The OAF serves as the official record of a student's progress toward degree requirements. Meeting with advising regularly and keeping the OAF up to date helps to ensure that degree requirements are met in a timely fashion. Although faculty and administrators may assist a student in arranging an academic degree, the student is ultimately responsible for meeting all degree requirements.

Repeating Courses in the Bachelor of Science in Architecture Degree

A student must repeat a course that they have failed if the course is either a required course or a prerequisite for another course that the student wishes to take.

1. If a student earns a grade below “D”(1.0) in a required course, they must repeat the course.
2. If a student earns a grade below “D” (1.0) in a course that is a prerequisite for a later course in a sequence, they may continue with the next course in the sequence, but must repeat the failed course.
3. If a student earns a grade below “D” (1.0) in a second course (whether consecutive or not) in a sequence, they cannot continue with subsequent courses in the sequence until all earlier courses in the sequence have been satisfactorily completed prior to (and not concurrent with) election of the next course in the sequence.
4. If a student withdraws from a required course, he or she must repeat that course in its entirety at a later date. If the course is a prerequisite for a later course in a sequence, the course in which the withdrawal occurred must be satisfactorily completed prior to (and not concurrent with) election of the later course.
5. When a student is required to repeat a course and when, in the interim, the credit hours have changed and/or the course content has changed significantly, the program chair shall determine the extent of the remedial work required.

Repeating Courses in the Master of Architecture and Master of Urban Design Degrees

A student must repeat a course that they failed if the course is either a required course or a prerequisite for another course that the student wishes to take.

1. If a student earns a grade below “C-“(1.7) in a required course, they must repeat the course.
2. If a student earns a grade below “C-” (1.7) in a course that is a prerequisite for a later course in a sequence, they may continue with the next course in the sequence, but must repeat the failed course.
3. If a student earns a grade below “C-” (1.7) in a second course (whether consecutive or not) in a sequence, they cannot continue with subsequent courses in the sequence until all earlier courses in the sequence have been satisfactorily completed prior to (and not concurrent with) election of the next course in the sequence.
4. If a student withdraws from a required course, they must repeat that course in its entirety at a later date. If the course is a prerequisite for a later course in a sequence, the course in which the withdrawal occurred must be satisfactorily completed prior to (and not concurrent with) election of the later course.
5. When a student is required to repeat a course and when, in the interim, the credit hours have changed and/or the course content has changed significantly, the program chair shall determine the extent of the remedial work required.

Withdrawal from the Degree

A student who terminates their enrollment during the term is required to officially withdraw. The student is responsible for initiating the withdrawal; they should contact the college registrar. Any refund of fees is handled in accordance with University regulations as described in the section on Fees and Expenses.

Student Records

An academic file is maintained by the college for each student. The file contains admission materials, academic records and transcripts, correspondence, etc. The college endorses the university's Policy on Student Records, which meets the standards set forth in the Family Educational Rights and Privacy Act of 1974. Each student has the right to examine all materials in his or her file, except as prohibited by the above policies.

The college registrar and the administrative officers of the college, or their appointed representatives, shall have direct access to all records. All other persons, including faculty, may have access to portions of a student's record only when so authorized by the student.

Joint/Dual Degrees

Students wishing to pursue a dual degree other than those described are advised to contact the College Registrar. Requests are approved on an individual basis.

Retention of Student Work

The faculty reserves the right to retain examples of student work, done in conjunction with class assignments, for purposes of illustration, instruction, and exhibition.

College Use of Digital Media

The college may record/capture video, audio, and/or images of students and student work during regular college activities (i.e. class sessions, lectures, exhibits, studio critiques, group meetings, etc.). These media may be made available in various forms to describe and/or promote college activities and programs in a variety of ways consistent with the mission of the college and university.

IVC: TAUBMAN COLLEGE ACADEMIC POLICIES: COURSE ELECTIONS

General Policy

Taubman College students may make changes to their registration within the official registration/drop-add period for any given term. Any modifications to course elections after this date are subject to approval from the instructor(s) involved and/or the program chair or the chair's designee per the Dropping and Adding section below.

It is the responsibility of each student to adhere to the college's policies and procedures for course elections as described below. The college registrar reviews the class schedules of all students to make sure they have complied with policy, but this does not take place until after the drop-add deadline has passed. If a student has not followed the college's policies and procedures, the college registrar has the authority to change course elections consistent with the following rules. The student will be notified of such changes. Students should contact the college registrar if they have any questions.

Dropping and Adding

Students may drop and/or add courses through the third week of any full term and the second week of any half term without the course appearing on the academic record. Taubman College allows a student to drop a course after the official university drop/add deadline up until the last day of classes for the term. A course officially dropped after the drop/add deadline will appear on the academic record with the designation “W” (withdrawal). No credit is awarded toward the degree and grade point averages are not affected. A withdrawal from a course does not result in tuition reimbursement. An unofficial drop is when the student does not complete a course and does not obtain permission for a withdrawal. Unofficial drops are recorded on the academic record as an “ED”. Provided the course is taken for a letter grade, an “ED” will be counted as an “E” when calculating grade point averages and no credit is awarded toward the degree.

Auditing Courses

A student may elect or modify a course as an official audit (visit) through the third week of any full term and the second week of any half term. Permission of the instructor (a signature on an election worksheet or drop-add form) is required and regular fees are assessed. A course elected as an official audit will appear on the academic record with the designation “VI,” but no credit will be awarded toward the degree and grade point averages are not affected. It is the responsibility of the student to make arrangements with the instructor as to class attendance, assignments, and/or exams to be completed. Unsatisfactory completion of these requirements, as determined by the instructor, will result in an “ED” (unofficial drop) on the academic record. The “ED” will not affect grade point averages because the course was not elected for a letter grade.

Pass/Fail

A student may elect or modify a course to pass/fail through the third week of a full term and the second week of a half term, but under the following conditions:

1. Students in the M.Arch degree may not take courses pass/fail.
2. Courses offered by Taubman College may not be taken pass/fail.
3. Courses taken to fulfill pre-professional requirements for the B.S. degree—art, English, mathematics, physics, humanities, natural sciences, and social sciences—may not be taken pass/fail.
4. Courses taken as substitutes for required classes may not be taken pass/fail.
5. English Language Institute courses may not be taken pass/fail.
6. A maximum of one course per term may be taken on a pass/fail basis.

Credit hours for courses satisfactorily completed as pass/fail will apply toward the degree, but grade point averages are not affected. Instructors are not informed of those students taking a course on a pass/fail basis. Instructors report grades as usual and the Office of the Registrar makes the following conversions:

- A through C- is entered on the academic record as “P” (pass) for credit
- D+ through E is entered on the academic record as “F” (fail) for no credit

Architecture Independent Study

An independent study course is designed by you, the student, in consultation with a faculty member, to investigate an area of field of specialization not normally covered in a regularly scheduled course offering by the department.

Undergraduate students must use ARCH 300 or ARCH 400 as an independent study number. Permission of the instructor (an override) is required. Graduate students must use ARCH 600 (ARCH 593 for Architectural History) as an independent study number. Permission of the instructor and approval by the program chair are required. Students should obtain an Independent Study Approval Form from the college registrar. Only one Independent Study course may be elected per term, and no more than 6 credit hours of Independent Study credit may apply toward the M.Arch degree.

IVD: Taubman College Academic Policies: Transfer of Credit

Transfer of Credit

Credit hours approved for transfer from another program, unit, or institution will appear on the student's transcript and will count toward the B.S. degree. Only credit hours, and not grades or honor points, will be posted to the student's record. Requests for transfer of credit should initially be made to the college registrar. In some cases, approval from the program chair is necessary.

Note: In order for course credits from external (non-UM) institutions to be eligible for transfer to the architecture program, students must achieve a grade of "C" or better in those courses.

Undergraduate

For undergraduate students, credit for academic courses from other units of the university and other institutions is evaluated by the Office of Undergraduate Admissions. All credit earned in other units of the university, except remedial courses below normal college-level and introductory officer education courses, will transfer.

Credit earned through high school advanced placement exams, conducted nationally by the CollegeBoard, will transfer, provided the scores meet university standards (see www.admissions.umich.edu/drupal/AP-IB-credit). No credit will be awarded for placement exams offered by other departments of the university or by other institutions. Not more than 7 credit hours of nonacademic or technical courses earned at other institutions may be transferred; such credit is evaluated by the Architecture Program.

Course Waivers

A student may petition to receive a course waiver in a course they have already completed at another accredited university. The student must submit a waiver request form to the faculty member teaching the course in which they are seeking the waiver and submit supporting documentation, including but not limited to course syllabus, assignments, projects, papers, and tests to demonstrate sufficient knowledge of the subject. The granting of a waiver is at the discretion of the individual faculty member. If a student receives a course waiver, he or she has fulfilled that requirement, but no credit hours will be granted. The student will need to register for another course of equal credits in place of the waived course. For architecture graduate students, the selected replacement course must be an architecture course at the 500 level or above.

IVE: TAUBMAN COLLEGE ACADEMIC POLICIES: GRADING

Grading

Course grades are awarded on a letter system, A through E. These letter grades are translated into honor points for each hour of course credit, as follows:

A = 4.0	B- = 2.7	D+ = 1.3
A- = 3.7	C+ = 2.3	D = 1.0
B+ = 3.3	C = 2.0	D- = 0.7
B = 3.0	C- = 1.7	E = 0.0

In addition, the following notations are used to indicate unresolved academic situations:

ED.....unofficial drop

I.....incomplete

NR.....no report from instructor

X.....absent from examination

Y.....course extends beyond published schedule of term

No honor points are given for courses in which any of these grades are assigned. Students receiving a grade of ED or NR are advised to contact the college registrar immediately. Students earning grades of I or X are advised to read the section on Incomplete Grades and to contact their instructors immediately.

Grade Point Average

The grade point average (GPA) for a term is calculated by dividing the Michigan honor points (MHP) earned during the term by the number of Michigan semester hours (MSH) elected for the term. The cumulative grade point average is calculated by dividing the total of all Michigan honor points earned during enrollment in the degree by the number of Michigan semester hours elected in that program. The Michigan semester hours do not include credit hours:

1. Transferred from another program, unit, or institution
2. For courses elected pass/fail or audit
3. For professional work experience

Term Grades/Transcripts

Students enrolled on the Ann Arbor campus obtain grades through Wolverine Access. Grades for the current term will be available as they are entered in the computer system at the end of the term. Official transcripts must be obtained from the Transcript Department within the Office of the Registrar.

Incomplete Grades

When a student is unable to complete the required work for any course because of illness or for other reasons acceptable to the instructor and only when the amount of unfinished work is small, the instructor may report a grade of "I" (incomplete). As soon as a student learns that an "I" grade has been (or will be) reported, he or she shall immediately contact the instructor. The instructor shall explain to the student the work that must be made up and shall set a time period for its completion within the limits described below. A final grade must be submitted to the Registrar within two months following the last day of classes of the term in which the "I" grade was earned. This deadline may be extended for just cause provided the instructor files a time extension form with the College Registrar prior to the two-month deadline. No extension will be granted beyond the last day of classes of the first full term (fall, winter or spring/summer) following the term in which the "I" grade was earned, unless such an extension is approved by the Program Chair. If the final grade is not submitted prior to the two month (or extended) deadline, the "I" grade will lapse to an "E."

Good Standing

To be in good standing in the undergraduate degrees, a student must have a GPA of at least 2.0 for the term just concluded and a cumulative GPA of at least 2.0. To be in good standing in the graduate degree, a student must have a GPA of at least 3.0 for the term just concluded and a cumulative GPA of at least 3.0.

IVF: TAUBMAN COLLEGE ACADEMIC POLICIES: GRADUATE ARCHITECTURE HONORS

Those students in the Master of Architecture or Master of Urban Design degree programs earning a cumulative GPA in the top 5% of their graduating class shall graduate with high distinction; students earning a GPA in the top 5%-10% of the class shall graduate with distinction. These honors will be entered on the student's transcript and diploma.

IVG: TAUBMAN COLLEGE ACADEMIC POLICIES: ACADEMIC DISCIPLINE

Definition of Academic Discipline

Any student not in good standing is on academic discipline under one of the following categories: Action pending, probation, further enrollment withheld or reinstated on Probation. As soon as possible after the college receives the transcripts, all students on academic discipline will be notified of their status. Each student so notified should contact the college registrar immediately. For students on academic discipline, the program chair (or chair's designee) has the right and responsibility to approve course elections and changes, to require the election of specific courses and to establish a maximum or minimum number of courses and credit hours. The final responsibility for the administration of matters related to academic discipline rests with the committee on academic standing. All actions of academic discipline are entered on, and become a permanent part of, the student's academic record; except that when such action results from administrative, faculty, or staff error, the entry will be expunged. As soon as the student corrects all academic deficiencies, record clear is noted on the transcript, and the student is again in good standing.

In this policy on academic discipline, term, except as modified, refers to either a full term or a half term. When a student elects less than 6 credit hours in a term, his or her academic status will normally be determined by counting the current term and the preceding term as a single combined term; except that if this totals more than 20 credit hours, the status will normally be determined by counting the current term and the following term as a single combined term.

Action Pending

Action pending is assigned when the academic record of a student not on probation or reinstated on probation is incomplete (grades of ED, I, NR, or X) for the term just concluded, and when failure to correct this deficiency will result in a term GPA and/or cumulative GPA below 2.0 (undergraduate)/3.0 (graduate). Action pending is assigned only for the two-month period permitted for finishing incomplete work. At the end of this makeup period, the student's academic record will be reviewed again and a status of either good standing or probation will be assigned, except that further enrollment withheld may be invoked in cases of extremely poor academic performance.

Probation

Probation is assigned when a student not already on probation or reinstated on probation has a deficiency of:

1. Less than 10 honor points below a 2.0 (undergraduate)/3.0 (graduate) for the full term just concluded
2. Less than 5 honor points below a 2.0 (undergraduate)/3.0 (graduate) for the half term just concluded
3. Below a cumulative 2.0 (undergraduate)/3.0 (graduate) GPA Probation is assigned for a period of one term only, during which the student is required to:
 - a. Earn at least a 2.0 (undergraduate)/3.0 (graduate) GPA for that term
 - b. Raise his or her cumulative GPA to at least 2.0 (undergraduate)/3.0 (graduate)
 - c. Meet any other special conditions of the probation

If a student satisfies all requirements of the Probation, he or she is again in good standing. If a student fails to satisfy all of these requirements, a status of further enrollment withheld is assigned. The student may not continue in the degree unless he or she successfully appeals that action.

Further Enrollment Withheld

Further enrollment withheld is assigned when a student is in severe academic difficulty. Specifically, one of the following:

1. If the term GPA, the cumulative GPA, or any combination thereof is below 2.0 (undergraduate)/3.0 (graduate) for two successive terms.
2. If there is a deficiency of 10 or more honor points below either a 2.0 (undergraduate)/3.0 (graduate) full term GPA or cumulative GPA
3. If there is a deficiency of 5 or more honor points below either a 2.0 (undergraduate)/3.0 (graduate) half term GPA
4. If there is lack of reasonable progress toward a degree
5. If a student on probation or reinstated on probation fails to meet all requirements of the probation

When further enrollment is withheld and if the student is not already on Reinstated on Probation, he or she has the privilege of appealing the action, in accordance with procedures established by the committee on academic standing. The student will be required to explain in writing the particular reasons for the low academic performance and to present a compelling argument why continuing enrollment or readmission should be permitted. Each case will be carefully considered on its own merits. If the committee on academic standing approves the appeal, the student is reinstated on probation. If the committee denies the appeal, the student is prohibited from enrolling in the college normally for at least two full terms, and the status of further enrollment withheld continues in effect. During the last term of the required disenrollment period, the student may petition for reinstatement by presenting evidence that, during this period, he or she has taken steps to substantially improve his or her chances for academic success in the remainder of the degree. If the committee approves this petition, the student is reinstated on probation.

Reinstated on Probation

Reinstated on probation is assigned following a student's successful appeal, or subsequent petition, of further enrollment withheld. Reinstated on probation is assigned for a period of one term only during which the student is required to:

1. Earn at least a 2.0 (undergraduate)/3.0 (graduate) GPA for the term, unless a higher GPA is prescribed by the committee on academic standing
2. Raise his or her cumulative GPA to a level prescribed by the committee on academic standing
3. Meet any other special conditions of the probationary reinstatement

If a student satisfies all requirements of the probationary reinstatement and has a cumulative GPA of at least 2.0 (undergraduate)/3.0 (graduate), he or she is again in good standing. If a student satisfies all conditions of the probationary reinstatement except that the cumulative GPA is still below 2.0 (undergraduate)/3.0 (graduate), he or she is on probation. If a student fails to satisfy the requirements of the probationary reinstatement, further enrollment is automatically withheld and further appeal for continuing enrollment is not permitted.

Taubman College Academic and Professional Conduct Policies

Full academic policies are posted on the College websites.

IVH: STUDENT APPEALS

Student Appeal Procedure

It is the purpose of the appeal procedure to provide undergraduate and graduate students and faculty with a mechanism for review of student and faculty allegations about matters pertaining to student conduct, performance and status and/or faculty misconduct. The appeal procedure shall be available to both student and faculty members of Taubman College for review of grievances of academic matters, including, but not limited to:

1. All aspects of the degree process involving grading, evaluation, or status
2. Unjustified denial of student access to data or misappropriation of student data
3. Professional misconduct toward students
4. Unfair, discriminatory, or intimidating treatment of students, including sexual intimidation and discrimination due to disability
5. Discipline or other action taken as a result of allegations or findings of student academic misconduct involving plagiarism, cheating, fabrication, falsification of records or official documents, intentional misuse of equipment or materials, and aiding and abetting the perpetration of such acts

Procedure for Appeals

STEP 1

The first step is discussion of the grievance by the student and the faculty member. It is anticipated that most disputes can be resolved without recourse to other steps.

STEP 2

If not satisfied with the outcome of this discussion, either party may request time to discuss the problem with the appropriate program chair who will informally attempt to mediate and resolve the dispute.

STEP 3

If Step 2 fails to satisfy either party, he or she may request time to discuss the problem with the dean of the college, who will informally attempt to mediate and resolve the dispute.