



UR STUDENT SYSTEM

Courses

June 2019

Agenda – across multiple sessions

- Introduction – Courses vs Sections

- Courses – Key Terms

1

- Course Definition

- Course Listing

- Course Conversion

- Course cleanup/review anticipated by the schools @ cutover (October)
-

- Sections – Key Terms

2

- Course Section Definition

- Section Listing

- Course Section Conversion

3

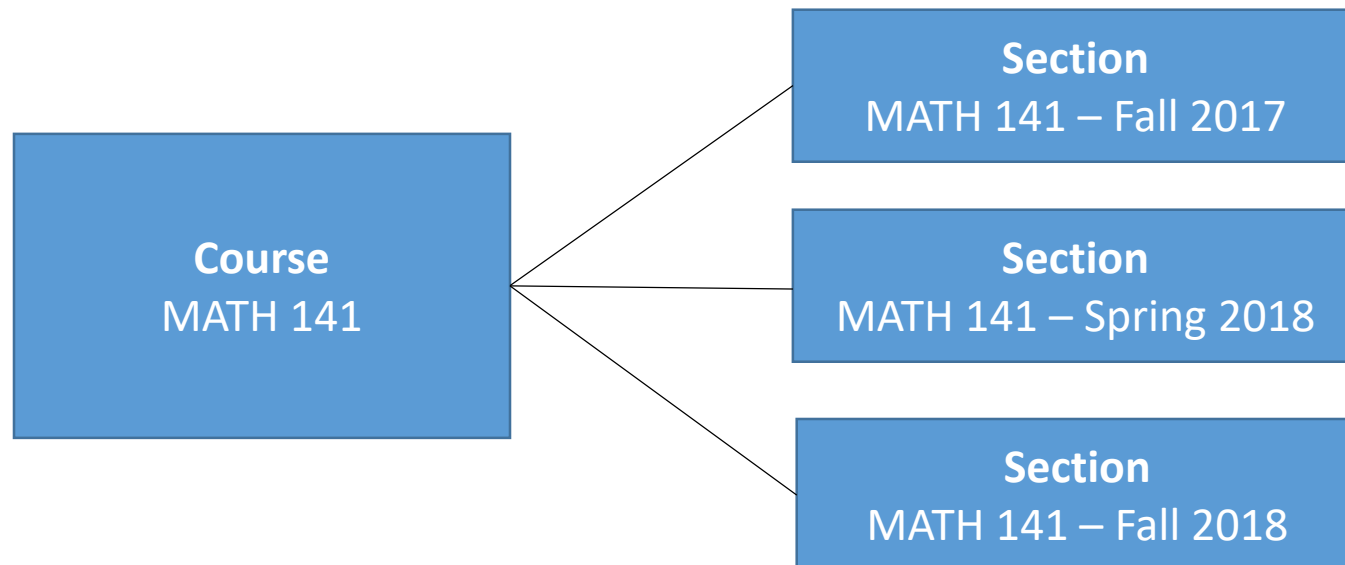
- Cross Listed Courses

- Co location of course sections

- Course Roll in UR Student

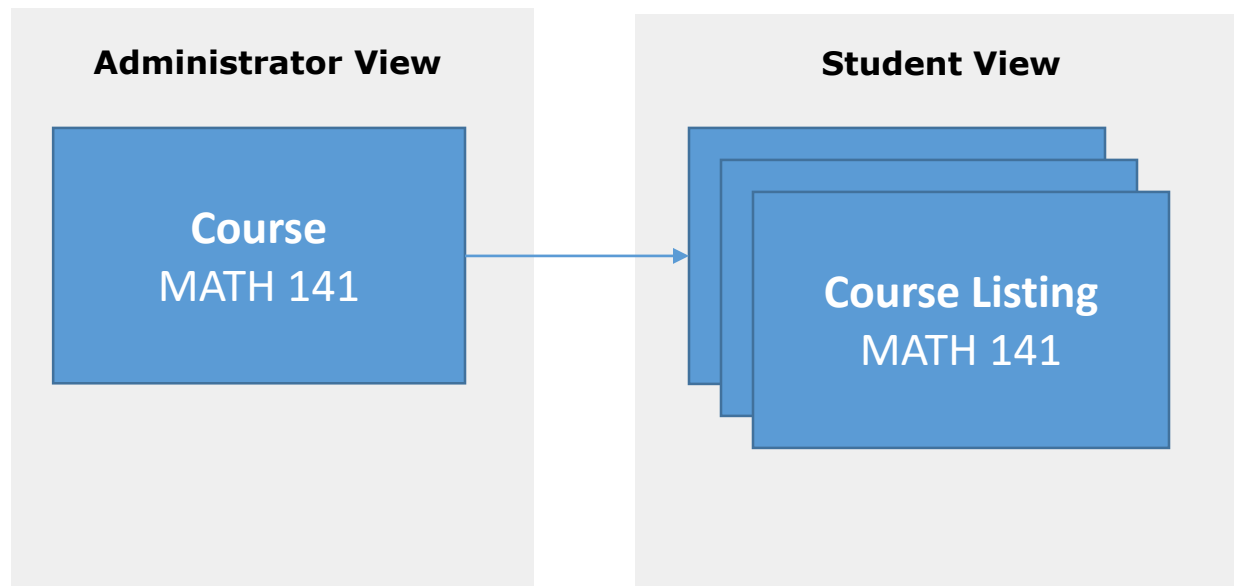
Introduction

- Courses represent the basic building blocks of the academic curriculum
- A Course is an individual item within the master course catalog; the unique combination of a subject and a number. (ISIS CA Screen)
- Course Sections represent the 'offering' of a course within an Academic Period or term. We used to refer to this as a CRN. (ISIS CD Screen)



Courses – Key Terms

- **Course Definition** – primary view of Administrators; contains all course setup details
- **Course Listing** – primary view of Students; contains data relative to students
 - *Multiple course listings exist in the case of a cross-listed course (more information to come when we discuss cross lists)*



Courses – Key Terms

- **Course Definition** – visible on *Find Course Definitions report*
- **Course Listing** – visible on *Find Courses report*

Find Course Definitions:

Find Course Definitions Actions

[Saved Searches](#)

Current Search Save

Clear All

Academic Level

☒ Undergraduate (143)

☐ Graduate (125)

Subject

☐ History (555)

☐ English (502)

☐ Comparative Literature (409)

☐ Political Science (340)

☐ Art History (337)

☒ Mathematics (143)

143 Results

[MATH 000 - Math Colloquium](#)
Undergraduate | 99.9 Semester Units | Fall, Spring, Summer

[MATH 020 - Pre-College Math](#)
Undergraduate | 0 - 4 Semester Units | Fall, Spring, Summer

[MATH 040 - Pre-Calculus](#)
Undergraduate | 0 Semester Units | Fall, Spring, Summer

[MATH 041 - Calculus](#)
Undergraduate | 0 Semester Units | Fall, Spring, Summer

[MATH 100 - Finite Mathematics](#)
Undergraduate | 4 Semester Units | Fall, Spring, Summer

[MATH 109 - Intro Math Programming](#)
Undergraduate | 4 Semester Units | Fall, Spring, Summer

[MATH 120 - Intro To Problem Solving](#)
Undergraduate | 1 Semester Units | Summer

Find Courses:

Find Courses Actions

[Saved Searches](#)

Current Search Save

Clear All

Academic Level

☒ Undergraduate (143)

☐ Graduate (125)

Instructional Formats

Location

☐ River Campus (143)

Subject

☐ History (555)

☐ English (502)

143 Results

[MATH 000 - Math Colloquium](#)

[MATH 020 - Pre-College Math](#)

[MATH 040 - Pre-Calculus](#)

[MATH 041 - Calculus](#)

[MATH 100 - Finite Mathematics](#)

[MATH 109 - Intro Math Programming](#)

[MATH 120 - Intro To Problem Solving](#)

[MATH 121 - Math Problem Solving](#)

[MATH 130 - Excursions in Math](#)

Courses – Key Terms

Find Course Definition, individual course selected:

ENGL 100 - Great Books [Actions](#)

Status Approved
Effective Date 08/29/2018

[Overview](#) [Course](#) [Section Defaults](#) [Course Fees](#) [Version History](#) [Process History](#)

First Available 01/01/1900
Last Available (empty)
Allowed Locations [River Campus](#)
Academic Level [Undergraduate](#)
Typical Periods Offered [Fall](#)
[Spring](#)
[Summer](#)
Hide Course No

Course Owner 1 item



Academic Unit	Course Inventory Owner	Allowed to Offer	Default Offering Percent
English	Yes	Yes	100

Course Equivalencies 0 items



Equivalency Group	Equivalency Usage	Start Date	End Date
No Data			

Units 4 Semester Units
Contact Hours 0
Other Unit Values No
Eligibility (empty)
Co-Requisite Courses (empty)

Find Course, individual course selected:

View Course ENGL 100 - Great Books [Actions](#)

Title Great Books
Academic Level [Undergraduate](#)
Course Owner [English](#)
Grading Basis Audit
Graded
Pass/Fail
Units 4 Semester Units
Description Provides a close reading of a selection of literary masterpieces. Readings vary from year to year.
Typical Periods Offered [Fall](#)
[Spring](#)
[Summer](#)
Instructional Formats Lecture
Locations Offered [River Campus](#)
Course Materials (empty)

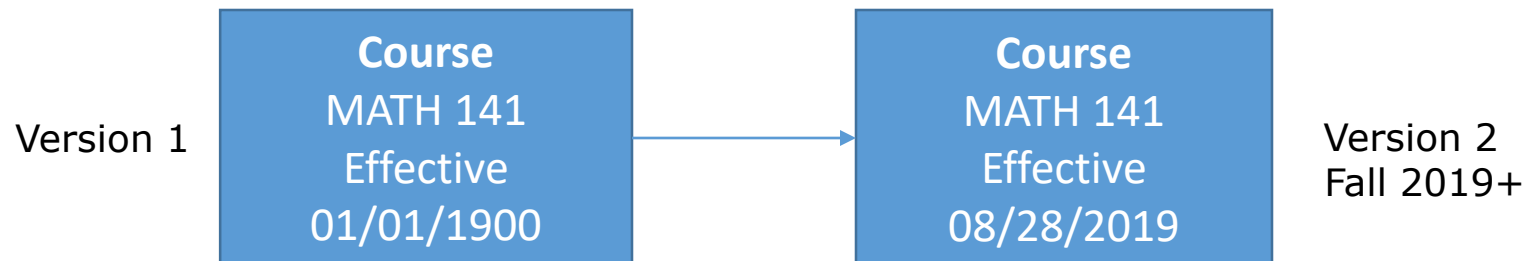
Courses – Key Terms

Questions?

Course Definition – Key Attributes

■ Courses have a number of key attributes – Overview Tab

- **Course Subject** – the subject of a course; *subjects that are preceded by a number will be inactivated after cutover as they are no longer being used*
- **Course Number** – the numerical identifier for a course within that course subject
- **Status** – the status of a course - In Progress or Approved; a course must be approved in order to create course sections
- **Effective Date** – the effective date of the current version of the course (see Version History tab). Courses in UR Student can be updated over time; UR Student uses effective dates to track a history of changes to a course
 - **Error Correction** – when corrected an error (e.g., a misspelling in a course title or another incorrect setting), a user should *update the current version* of the course
 - **Change in the nature of the course** – when the course changes, and the title or the number of units or instructional format changes due to a change in course definition or content, create a *new, effective dated version* of the course to align with the term in which the course changes



Course Definition – Key Attributes

■ Courses have a number of key attributes – Overview Tab

- **First Available / Last Available** – the first or last date that a course section can be setup to be offered for this course.
- **Allowed Locations** – UR campus at which the course can be offered. Typically only one value, unless the course is offered at two (Eastman/RC, Medical Center/River Campus). Course sections can only be assigned to buildings in these locations
- **Academic Level** – Undergraduate, Graduate, Medical, ECMS
- **Hide Course** – prevents a student from seeing the course in the Find Courses report
- **Typical Periods Offered** – visible to students for planning purposes
- **Units** – semester units of academic credit (can be variable)
- **Other Unit Values** – financial aid units can be associated with courses for which no academic credit is offered to assist in calculating a student's load (e.g., dissertation status, continuation of enrollment, etc.)
 - *Note: leave of absence courses will not be used going forward as students on a leave of absence status cannot register for courses in UR Student*
- **Eligibility** – used to hold eligibility rules or pre-requisites that must be met for a student to enroll in this course
- **Co-Requisite Courses** – courses that must be taken at the same time as this course
- **Course Owner** – the department associated with the course for AS&E and Warner; the school level for all others. *See the section on cross lists for more information*
 - **Inventory Owner** – the owner of the course; the entity that provides the instructor; used to assign a course fee group during conversion to control where revenue is recognized
 - **Allowed to Offer** – in addition to the course owner, additional entities that can offer a course section for the course (used for cross lists)

Course Definition – Key Attributes

MATH 141 - Calculus I Actions

Status Approved

Effective Date 08/29/2018

Overview Course Section Defaults Course Fees Version History Process History

First Available 01/01/1900

Last Available (empty)

Allowed Locations [River Campus](#)

Academic Level [Undergraduate](#)

Typical Periods Offered [Fall](#)
[Spring](#)
[Summer](#)

Hide Course No

Units 4 Semester Units

Contact Hours 0

Other Unit Values No

Eligibility (empty)

Co-Requisite Courses (empty)

Course Owner 1 item

Academic Unit	Course Inventory Owner	Allowed to Offer	Default Offering Percent
Mathematics	Yes	Yes	100

Course Equivalencies 0 items

Equivalency Group	Equivalency Usage	Start Date	End Date
No Data			

Course Definition – Key Attributes

■ Courses have a number of key attributes – Course Tab

- **Listings:** the course listing(s) that are visible to the student for this course in the Find Courses report
- **Title** – the title of the course, converted from ISIS (note: section titles are used on transcripts)
- **Abbreviated Title** – the short title for the course, converted from ISIS
- **Description** – the course description; converted from CDCS for all but Warner (WAIS), Simon (Darden) or SON (SONDB)
- **Course Tags** – can be used to classify courses
 - The UR Student support team can work with schools to increase the use of tags as needed after cutover; ideas include:
 - Department for course evaluation routing within AEFIS at School of Nursing (private tag, not visible to a student)
 - Area of Focus within Warner (post conversion activity at Warner to assign these to courses)
- **Course Components** –
 - Instructional Format - the ways in which a course can be offered: Lecture, Lab, Recitation Independent Study, Research, etc.
 - Delivery Mode – the manner in which a course section is taught: In-Person, Hybrid, Online, etc.
 - Note that while the course contains all possible valid combinations, each section contains only the relevant instructional method / delivery mode combinations

Course Definition – Key Attributes

MATH 141 - Calculus I Actions

Status Approved

Effective Date 08/29/2018

Overview **Course** Section Defaults Course Fees Version History Process History

Listings [MATH 141 - Calculus I](#)

Title Calculus I

Abbreviated Title Calculus I

Course Tags (empty)

CIP Code (empty)

Educational Taxonomy Codes (empty)

Section Overrides Allowed Yes

Location Not Required No

Description

Analysis of the elementary real functions: algebraic, trigonometric, exponentials and their inverses and composites. Their graphs and derivatives. Topics include limits, continuity, asymptotes, the definition of the derivative, derivatives and derivative rules for algebraic, trigonometric, exponentials, and logarithms. Implicit differentiation, related rates, linear approximation, differentials, mean value theorem, maxima and minima, curve sketchings, l'Hospital's rule. MTH 141, 142, and 143 is a three-semester sequence that covers, at a slower pace, exactly the same material as the two-semester sequence, MTH 161 and 162. This course uses the Tuesday/Thursday 08:00-09:30am Common Exam time. This course cannot be taken for credit after completing any of MTH 141, 142, 143, 161, or 162. Students who want to repeat a course for a grade need to secure the approval of the Dean by completing an online Repeat Course Request Form.

Learning Outcome (empty)

Competencies (empty)

Auto Generate Course Section Numbers No

Course Components 3 items



Instructional Format	Required Format	Allowed Delivery Modes	Contact Hours	Controls Grading	Default Instructor Load Percentage
Lecture	Yes	In-Person	0	Yes	34.00
Recitation		In-Person	0		33.00
Laboratory		In-Person	0		33.00

Course Materials 0 items



Course Material	Required	Author	Edition	Publisher	Copyright Date	ISBN	Retail Price	Currency
No Data								

Course Definition – Key Attributes

- Courses have a number of key attributes – Section Defaults
- Used to control default values for each section created from the course, but can still be maintained at the section itself
 - **Default Section Capacity** – the standard capacity for the course (course room capacity minus 1)
 - **Default Projected Enrollment** – the expected number of students who will enroll in the course
 - **Default Wait List Capacity** – the number of students allowed to be added to a section wait list (note: wait lists will be implemented after we go live)
 - **Public Notes** – notes on the course section that would be visible to students
 - **Private Notes** – notes on the course section that would be visible only to administrators
 - **Repeatable for Additional Credit** – can a student take the same course section (in a future term) for additional earned credit?
 - **Allowed Grading Bases:** audit, graded, pass/fail

Course Definition – Key Attributes

MATH 141 - Calculus I [Actions](#)

Status Approved
Effective Date 08/29/2018

Overview

Course

Section Defaults

Course Fees

Version History

Process History

Unlimited Capacity No
Default Section Capacity 30
Default Projected Enrollment 30
Default Wait List Capacity 0
Manually Manage Waitlist Promotion No
Public Notes

Repeatable for Additional Credit No
Allowed Grading Bases Audit
Graded
Pass/Fail
Graded Anonymously No
Private Notes

Course Definition – Key Attributes

- Courses have a number of key attributes – Course Fees
- **Course Fees** – used in support of tuition calculation for per credit hour tuition charges. These will be setup on the course by the Bursar's office.
 - Every course in the system will have a course fee group assigned
 - The UR requirement to direct tuition revenue across the various schools based on the course taken is driving the need to calculate tuition as a course fee
 - Student Fee Groups will be added to each course which will contain the building blocks needed
- **Additional Fees** – an additional fee charged to the student once he/she enrolls in the course, typically a flat rate per course
 - Lab fees
 - Material fees

Course Definition – Key Attributes

- Version History provides easy access to review prior version (prior effective dates) for the course

MATH 141 - Calculus I Actions

Status Approved

Effective Date 08/29/2018

Overview

Course

Section Defaults

Course Fees

Version History

Process History

Add New Version

2 items

Version	
MATH 141 - Calculus I - Calculus I (Effective 08/29/2018)	Edit
MATH 141 - Calculus I - Calculus I (Effective 01/01/1900)	Edit

Course Listing – Student View

- A student can see the following for a course:

View Course

MATH 141 - Calculus I [Actions](#)

Title	Calculus I
Academic Level	Undergraduate
Course Owner	Mathematics
Grading Basis	Audit Graded Pass/Fail
Units	4 Semester Units
Description	Analysis of the elementary real functions: algebraic, trigonometric, exponentials and their inverses and composites. Their graphs and derivatives. Topics include limits, continuity, asymptotes, the definition of the derivative, derivatives and derivative rules for algebraic, trigonometric, exponentials, and logarithms. Implicit differentiation, related rates, linear approximation, differentials, mean value theorem, maxima and minima, curve sketchings, l'Hospital's rule. MTH 141, 142, and 143 is a three-semester sequence that covers, at a slower pace, exactly the same material as the two-semester sequence, MTH 161 and 162. This course uses the Tuesday/Thursday 08:00-09:30am Common Exam time. This course cannot be taken for credit after completing any of MTH 141, 142, 143, 161, or 162. Students who want to repeat a course for a grade need to secure the approval of the Dean by completing an online Repeat Course Request Form.
Typical Periods Offered	Fall Spring Summer
Instructional Formats	Laboratory Lecture Recitation
Locations Offered	River Campus
Course Materials	(empty)

Course Definitions | Course Listing

Questions?

Course Conversion

■ Courses are being converted in two steps in October

• Initial Course Version

- All courses in the ISIS course catalog
- Courses are being converted as stand-alone courses (no cross lists in the initial version)
- Key course attributes are set to be 'wide open'; this was required to support the variability of data that was contained in ISIS for all CRNs and Registrations against that course in the legacy system across all terms
- The effective date of this course in this system will be 01/01/1900
- Some courses that will be cross listed will have a last available date. It will be the date before the first date of the Fall 2019 academic period for the respective school.

• Final Course Version with Cross Lists

- Course as it is currently defined in ISIS
- Key course attributes are set to match course sections and registrations for the past year
- The effective date of this course in the system will be the first date of the Fall term for your school in 2019
- Courses that are currently cross-listed in the most recent term will be setup as cross lists in UR Student on the final version

Course Conversion – Cleanup/Review items

- The following course attributes will require review and possible update/correction by each school
 - **Allowed Locations** – update if a course is offered at more than one campus (e.g., River Campus and Eastman, River Campus and the Medical Center Campus)
 - **Typical Periods Offered** – all periods in which the course was offered historically will be brought in; useful by students for planning purposes
 - **Units** – confirm number of credits is accurate;
 - If students can earn differing number of credits for a course (e.g., research), a min/max range must be used
 - Each course section can be setup with the typical number of credits, but this value can be overridden by an administrator for an individual student to another value within the range
 - **Other Unit Values** – Billing and Financial Aid – confirm load status is correct in terms of units for courses such as Dissertation (full vs part time), Continuation of Enrollment, etc.
 - **Course Title** – review and cleanup as desired. Titles will be converted from CDCS for all schools with the exception of Warner (WAIS), Simon (Darden) and SON (SONDB). Please keep in mind that the section title is what appears on a transcripts (30 character display)
 - **Course Components** – review and update instructional formats and delivery modes as needed

Course Conversion

Questions?