

DARS

String table that connects the subjects together:

INT_SEQ_NO	STR_INT_SEQ_NO	USER_SEQ_NO	COURSE	CTITLE	AC	RC	AEFLG	PFLG	EFFDTE	LAST_MOD_USER	LAST_MOD_DATE
1	75365826	75365825	1 E.C.E...561***	(null)	(null)	(null)	(null)	(null)	19841 19853	M3E	30-MAR-21
2	75365833	75365832	1 E.C.E...561***	(null)	(null)	(null)	(null)	(null)	19872 19873	M3E	30-MAR-21
3	75365837	75365836	1 E.C.E...561***	(null)	(null)	(null)	(null)	(null)	19891 20061	M3E	30-MAR-21
4	75365841	75365840	1 E.C.E...561***	(null)	(null)	(null)	(null)	(null)	20081 99999	M3E	30-MAR-21
5	784157929	784157928	1 COMP.SCI561***	(null)	(null)	(null)	(null)	(null)	20212 99999	M3E	30-MAR-21
6	784157930	784157928	2 E.C.E...561***	(null)	(null)	(null)	(null)	(null)	20212 99999	M3E	30-MAR-21

Another example, with a similar example, but showing how the course is represented in the curriculum when building a DARS:

The string table for the above example:

INT_SEQ_NO	STR_INT_SEQ_NO	USER_SEQ_NO	COURSE	CTITLE	AC	RC	AEFLG	PFLG	EFFDTE	LAST_MOD_USER	LAST_MOD_DATE
1	75370180	75370179	1 BOTANY..151***	(null)	(null)	(null)	(null)	(null)	19081 20063	M3E	30-MAR-21
2	75370181	75370179	2 ZOOLOGY.151***	(null)	(null)	(null)	(null)	(null)	19081 20063	M3E	30-MAR-21
3	75370183	75370182	1 BIOLOGY.151***	(null)	(null)	(null)	(null)	(null)	20071 99999	M3E	30-MAR-21
4	75370184	75370182	2 BOTANY..151***	(null)	(null)	(null)	(null)	(null)	20071 99999	M3E	30-MAR-21
5	75370185	75370182	3 ZOOLOGY.151***	(null)	(null)	(null)	(null)	(null)	20071 99999	M3E	30-MAR-21

SIS – Course Catalog

Catalog Data (Only thing different is Course Offering)

Catalog Data Offerings Components	
Course ID 025914	Imaging
Find View All First ◀ 1 of 1 ▶ Last	
Effective Date 12/21/2020	Status Active
Description Prob& InfoTheory in Mach Learn	Course Offering 1 of 2 320 561
Long Course Title	Probability and Information Theory in Machine Learning
Long Description	Probabilistic tools for machine learning and analysis of real-world datasets. Mathematical topics include Bayesian probability and statistics, random vectors, categorical random variables, entropy, mutual information, and source coding. Machine Learning topics include Bayes classification, Naive Bayes, generative modeling, decision trees and random forests, maximum likelihood estimation.
Course Units/Hours/Count	
Minimum Units 3.00	<input type="checkbox"/> Last Course of Mult Term Seq
Maximum Units 3.00	Enrollment Unit Load Calc Type Actual Units
Academic Progress Units 3.00	Course Count 1.00
Financial Aid Progress Units 3.00	Course Contact Hours 0.00
Course Grading	
Grading Basis Student Option	Grade Roster Print Component
Graded Component Lecture	

Catalog Data Offerings Components	
Course ID 025914	Imaging
Find View All First ◀ 1 of 1 ▶ Last	
Effective Date 12/21/2020	Status Active
Description Prob& InfoTheory in Mach Learn	Course Offering 2 of 2 266 561
Long Course Title	Probability and Information Theory in Machine Learning
Long Description	Probabilistic tools for machine learning and analysis of real-world datasets. Mathematical topics include Bayesian probability and statistics, random vectors, categorical random variables, entropy, mutual information, and source coding. Machine Learning topics include Bayes classification, Naive Bayes, generative modeling, decision trees and random forests, maximum likelihood estimation.
Course Units/Hours/Count	
Minimum Units 3.00	<input type="checkbox"/> Last Course of Mult Term Seq
Maximum Units 3.00	Enrollment Unit Load Calc Type Actual Units
Academic Progress Units 3.00	Course Count 1.00
Financial Aid Progress Units 3.00	Course Contact Hours 0.00
Course Grading	
Grading Basis Student Option	Grade Roster Print Component
Graded Component Lecture	

Course offering information:

Catalog Data	Offerings	Components
Course ID 025914 Find View		
Effective Date 12/21/2020		Status Active
Description Prob& InfoTheory in Mach Learn		
Course Offering Find View		
Course Offering Nbr 2	Catalog Nbr 561	266
Academic Institution UWMSN	UW-Madison	Course Approved Approved <input checked="" type="checkbox"/> Allow Course to be Scheduled <input type="checkbox"/> Exam Only Course
Academic Group L&S	College of Letters and Science	
Subject Area 266	COMPUTER SCIENCES	<input checked="" type="checkbox"/> Catalog Print <input checked="" type="checkbox"/> Print Instructor in Schedule <input checked="" type="checkbox"/> Schedule Print <input checked="" type="checkbox"/> Schedule Term Roll <input type="checkbox"/> Use Blind Grading <input type="checkbox"/> GL Interface Required <input type="checkbox"/> Split Ownership
Campus MAIN	Main Campus-Madison	
Academic Organization L0780	Computer Sciences	
Academic Career UGRD	Undergraduate	
Course Typically Offered Not Applicable		
Tuition Group		
Dynamic Class Date Rule	<input type="checkbox"/> Allow OEE Enrollment	
Enrollment Requirement Group		
Requirement Group 015978	MATH 320+ or CS532 & more	Detail
Long Description (MATH 320, 340, 341, 375, or COMP SCI/E C E/M E 532 or concurrent enrollment) and (E C E 331, MATH/STAT 309, 431, STAT 311, 324, STAT/M E 424 or MATH 531) or grad/profsnl standing or declared in Capstone Certificate in Computer Sciences for Professionals		
Taxonomy		
CIP Code 11.0101	Computer and Information Scien	

Catalog Data	Offerings	Components
Course ID 025914 Find Vi		
Effective Date 12/21/2020		Status Active
Description Prob& InfoTheory in Mach Learn		
Course Offering Find View A		
Course Offering Nbr 1	Catalog Nbr 561	320
Academic Institution UWMSN	UW-Madison	Course Approved Approved <input checked="" type="checkbox"/> Allow Course to be Scheduled <input type="checkbox"/> Exam Only Course
Academic Group EGR	College of Engineering	
Subject Area 320	ELECTRICAL AND COMPUTER ENGR	<input checked="" type="checkbox"/> Catalog Print <input checked="" type="checkbox"/> Print Instructor in Schedule <input checked="" type="checkbox"/> Schedule Print <input checked="" type="checkbox"/> Schedule Term Roll <input type="checkbox"/> Use Blind Grading <input type="checkbox"/> GL Interface Required <input type="checkbox"/> Split Ownership
Campus MAIN	Main Campus-Madison	
Academic Organization E0480	Electrical and Computer Engr	
Academic Career UGRD	Undergraduate	
Course Typically Offered Not Applicable		
Tuition Group		
Dynamic Class Date Rule	<input type="checkbox"/> Allow OEE Enrollment	
Enrollment Requirement Group		
Requirement Group 015978	MATH 320+ or CS532 & more	Detail
Long Description (MATH 320, 340, 341, 375, or COMP SCI/E C E/M E 532 or concurrent enrollment) and (E C E 331, MATH/STAT 309, 431, STAT 311, 324, STAT/M E 424 or MATH 531) or grad/profsnl standing or declared in Capstone Certificate in Computer Sciences for Professionals		
Taxonomy		
CIP Code 14.1001	Electrical and Electronics Eng	

SIS – Scheduling

Basic Data	Meetings	Enrollment Control	Notes	Exam
Course ID	025914	Course Offering Nbr	1	
Academic Institution	UW-Madison			
Term	Fall 2021-2022	Undergrad		
Subject Area	320	ELECTRICAL AND COMPUTER ENGR		
Catalog Nbr	561	Prob& InfoTheory in Mach Learn		
Enrollment Control Find View All First 1 of 1 Last				
Session	A1	Regular	Class Nbr	35450
Class Section	001	Component Lecture	Event ID	000393895
Associated Class	1	Units	3.00	
Class Status	Active	Cancel Class		
Class Type	Enrollment	Enrollment Status	Open	
Add Consent	No Special Consent Required	Requested Room Capacity	60	Total
Drop Consent	No Special Consent Required	Enrollment Capacity	30	0
1st Auto Enroll Section		Wait List Capacity	20	0
2nd Auto Enroll Section		Minimum Enrollment Nbr		
Resection to Section				
<input checked="" type="checkbox"/> Auto Enroll from Wait List	<input type="checkbox"/> Cancel if Student Enrolled	Combined Section		

Basic Data	Meetings	Enrollment Control	Notes	Exam
Course ID	025914	Course Offering Nbr	2	
Academic Institution	UW-Madison			
Term	Fall 2021-2022	Undergrad		
Subject Area	266	COMPUTER SCIENCES		
Catalog Nbr	561	Prob& InfoTheory in Mach Learn		
Enrollment Control Find View All First 1 of 1 Last				
Session	A1	Regular	Class Nbr	35642
Class Section	001	Component Lecture	Event ID	000393895
Associated Class	1	Units	3.00	
Class Status	Active	Cancel Class		
Class Type	Enrollment	Enrollment Status	Open	
Add Consent	No Special Consent Required	Requested Room Capacity	60	Total
Drop Consent	No Special Consent Required	Enrollment Capacity	60	0
1st Auto Enroll Section		Wait List Capacity	20	0
2nd Auto Enroll Section		Minimum Enrollment Nbr		
Resection to Section				
<input checked="" type="checkbox"/> Auto Enroll from Wait List	<input type="checkbox"/> Cancel if Student Enrolled	Combined Section		

Combined Section

Combined Section

Schedule of Classes

Combined Section Detail

Academic Institution UWMSN UW-Madison
 Term 1222 Fall 2021-2022
 Session A1 Regular
 Combined Sections ID 7634 XLECE 561 A1 001

Skip Mtg Pattern & Instr Edit

Status: A class may be closed if students are on the wait list.
 Enrollment restrictions may apply to open classes.

Combined Enrollment Capacities

Requested Room Capacity	Enrollment Capacity	Enrollment Total	Available Seats
60	30	0	30
Wait List Capacity	Wait List Total		
20	0		

Combined Sections									Personalize	Find	1-2 of 2
Subject		Catalog	Section	Class Num	Description	Status	Enrl Cap	Enrollment Total	Wait Tot		
320	E C E	561	001	35450	Prob& InfoTheory in Mach Learn	Open	30	0	0		
266	COMP SCI	561	001	35642	Prob& InfoTheory in Mach Learn	Open	60	0	0		

Class Roster

Class Roster

Academic Institution: UWMSN
 Term: Fall 2021-2022 (1222)
 Subject Area: COMP SCI (266)
 Catalog Nbr: 561
 Course ID: 025914

Class Number: 35642
 Session: A1
 Title: Prob& InfoTheory in Mach Learn
 Class Section: 001 Lecture Graded
 Course Offering Nbr: 2

Instructor
 Malloy,Matthew

Photo Roster

Roster Type

Student Enrollment Status:

Total Students: 0 Detail

Campus ID	Name	Honors Type	Honors Y/N	Units Taken	Audit	Program	Current Level	Proj Level	Subject Area	Catalog Nbr	Related Section 1	Related Section 2
1				0.00								

Class Roster | Email

Class Roster

Academic Institution: UWMSN
 Term: Fall 2021-2022 (1222)
 Subject Area: E C E (320)
 Catalog Nbr: 561
 Course ID: 025914

Class Number: 35450
 Session: A1
 Title: Prob& InfoTheory in Mach Learn
 Class Section: 001 Lecture Graded
 Course Offering Nbr: 1

Instructor
 Malloy,Matthew

Photo Roster



Roster Type

Student Enrollment Status:

Total Students: 0 Detail

Campus ID	Name	Honors Type	Honors Y/N	Units Taken	Audit	Program	Current Level	Proj Level	Subject Area	Catalog Nbr	Related Section 1	Related Section 2
1				0.00								

Course Search & Enroll

← E C E 561 ADD TO PLAN 	← COMP SCI 561 ADD TO PLAN 
<p>Electrical And Computer Engineering 561 Probability And Information Theory In Machine Learning</p> <p>See Sections SAVE COURSE</p> <p>Probabilistic tools for machine learning and analysis of real-world datasets. Mathematical topics include Bayesian probability and statistics, random vectors, categorical random variables, entropy, mutual information, and source coding. Machine Learning topics include Bayes classification, Naive Bayes, generative modeling, decision trees and random forests, maximum likelihood estimation, principal component analysis, stochastic gradient methods, empirical risk minimization, entropy minimization, dimensionality reduction with random projections, and variational autoencoders. Previous exposure to numerical computing (e.g. Matlab, Python, Julia, R) required. Enroll Info: None</p> <p>Requisites: (MATH 320, 340, 341, 375, or COMP SCI/E C E/M E 532 or concurrent enrollment) and (E C E 331, MATH/STAT 309, 431, STAT 311, 324, STAT/M E 424 or MATH 531) or grad/profsnl standing or declared in Capstone Certificate in Computer Sciences for Professionals</p> <p>Credits: 3 Level: Advanced L&S Credit Type: Counts as LAS credit (L&S)</p> <p>Cross Listed: COMP SCI 561, E C E 561 Course Options: 50% Graduate Coursework Requirement</p> <p>Subject Notes: Due to capacity limits the department cannot guarantee enrollment in any ECE courses even for ECE majors. When necessary, enrollment priority for students registering on schedule will be given to: 1) EE & CMPE majors, ECE graduate students & AMEP program students; 2) students admitted to another engineering major or PhD minor. Evening exams may be scheduled for all courses.</p> <p>For enrollment questions, please email: ece-enrollment@engr.wisc.edu.</p> <p>Electrical And Computer Engineering Information: Website Undergraduate info Graduate info</p>	<p>Computer Sciences 561 Probability And Information Theory In Machine Learning</p> <p>See Sections SAVE COURSE</p> <p>Probabilistic tools for machine learning and analysis of real-world datasets. Mathematical topics include Bayesian probability and statistics, random vectors, categorical random variables, entropy, mutual information, and source coding. Machine Learning topics include Bayes classification, Naive Bayes, generative modeling, decision trees and random forests, maximum likelihood estimation, principal component analysis, stochastic gradient methods, empirical risk minimization, entropy minimization, dimensionality reduction with random projections, and variational autoencoders. Previous exposure to numerical computing (e.g. Matlab, Python, Julia, R) required. Enroll Info: None</p> <p>Requisites: (MATH 320, 340, 341, 375, or COMP SCI/E C E/M E 532 or concurrent enrollment) and (E C E 331, MATH/STAT 309, 431, STAT 311, 324, STAT/M E 424 or MATH 531) or grad/profsnl standing or declared in Capstone Certificate in Computer Sciences for Professionals</p> <p>Credits: 3 Level: Advanced L&S Credit Type: Counts as LAS credit (L&S)</p> <p>Cross Listed: COMP SCI 561, E C E 561 Course Options: 50% Graduate Coursework Requirement</p> <p>Subject Notes: Courses taught and managed by the Computer Sciences department often have enrollment restrictions that give students in UW-Madison Computer Sciences programs priority access during initial enrollment periods.</p> <p>Evening exams are likely for most of our undergraduate courses.</p> <p>Computer Sciences Information: Website Undergraduate info Graduate info</p>