

FALL 2012 Schedule of Classes

Section	Meeting Times	Meeting Days	Instructor	Building	Room
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Computer Science cs

CS 629R Directed Research 1 - 12 Units

Graduate

01 - RSC (34895) 1 - 12 Units Department Consent Required

Arranged

V Eugene Wallingford

CS 1000 Computing Skills and Concepts 3 Units

Undergraduate

01 - LEC (32356) 3 Units

03:30PM 04:45PM

TR

Samuel L Barr

ITT

28

02 - LEC (35489) 3 Units

01:00PM 01:50PM

MWF

Michael J Holmes

ITT

328

CS 1010 Microcomputer Applications and Systems Integration 3 Units

Undergraduate Enrollment Requirement(s): 810:021 (CS 1000) or equivalent

01 - LEC (32357) 3 Units

12:30PM 01:45PM

TR

Mark F Jacobson

LNG

213

This course is part of the Computer Applications certificate. Emphasizes Adobe Fireworks, Dreamweaver, Flash video, and an introduction to Excel VBA macros.

CS 1025 Computational Modeling and Simulation 3 Units

Undergraduate

01 - LEC (32358) 3 Units

08:00AM 08:50AM

MWF

Mark F Jacobson

LNG

213

No programming required.

CS 1100 Web Development: Client-Side Coding 3 Units

Undergraduate

01 - LEC (32355) 3 Units

12:30PM 01:45PM

TR

J Philip East

ITT

28

CS 1130 Visual BASIC Programming 3 Units

Undergraduate

01 - LEC (32359) 3 Units

09:30AM 10:45AM

TR

J Philip East

ITT

322

02 - LEC (35838) 3 Units

09:00AM 09:50AM

MWF

Stephen B Hughes

ITT

28

CS 1140 Introduction to Programming Environments for Education 3 Units

Undergraduate

01 - LEC (35492) 3 Units Instruction Mode: Online Semester Based

02:00PM 02:50PM

MWF

John Benjamin Schafer

ITT

322

The 2:00 PM time slot has been set aside for on-line contact with the professor.

This course will be taught online via eLearning.

Instructions for accessing course materials will be sent to enrolled students' email accounts prior to the start of the course.

CS 1160 C/C++ Programming 3 Units

Undergraduate

01 - LEC (35796) 3 Units Instruction Mode: Online Semester Based

02:00PM 03:15PM

TR

Paul A Gray

ITT

328

The 2:00 PM time slot has been set aside for on-line contact with the professor.

Instructions for accessing course materials will be sent to enrolled students' email accounts prior to the start of the course.

This course will be taught online via eLearning.

CS 1410 Computer Organization 3 Units

Undergraduate Enrollment Requirement(s): Prerequisite(s) or corequisite(s): 810:051 (CS 1510)

01 - LEC (32361) 3 Units

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10:00AM 10:50AM	MWF	Kevin C O'Kane	ITT	328
02 - LEC (32362) 3 Units				
02:00PM 02:50PM	MWF	Kevin C O'Kane	ITT	328

GSW - LEC (32363) 3 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required

Arranged

Mark A Fienup

Prerequisite--UNI students: 810:051 (CS 1510)

If you have, or are, taking an introductory programming course in any high-level programming language (C, C++, Java, Python, Ada, Ruby, Scheme, etc.), you satisfy the necessary prerequisite.

This is a Guided Independent Study course. You may enroll at any time and take up to nine months to complete the course. Students must register through the GIS office or online at <http://www.uni.edu/continuinged/gis/enroll/>

Tuition for GIS courses is in addition to the full-time, on-campus rate. In general, GIS courses do not qualify for financial aid.

This GIS course is web-based and has an additional technology fee.

CS 1510 Introduction to Computing 4 Units

Undergraduate

01 - LLB (32364) 4 Units

10:00AM 10:50AM	MWF	John Benjamin Schafer	ITT	322
10:00AM 11:50AM	T	John Benjamin Schafer	WRT	112

02 - LLB (32365) 4 Units

11:00AM 11:50AM	MWF	John W McCormick	ITT	322
10:00AM 11:50AM	R	John W McCormick	WRT	112

GSW - LLB (32366) 4 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required

Arranged

Mark A Fienup

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CS 1520 Data Structures 4 Units

Undergraduate Enrollment Requirement(s): Prerequisite(s): CS 1510 (810:051) or consent of instructor. Prerequisite(s) or corequisite(s): CS 1800 (810:080).

01 - LLB (32367) 4 Units

09:00AM 09:50AM	MWF	John W McCormick	ITT	322
08:00AM 09:50AM	R	John W McCormick	WRT	112

02 - LLB (34405) 4 Units

11:00AM 12:15PM	TR	Mark A Fienup	ITT	322
10:00AM 11:50AM	W	Mark A Fienup	WRT	112

GSW - LLB (32368) 4 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required

Arranged

Mark A Fienup

Prerequisite--UNI students: 810:051 (CS 1510). Prerequisite(s) or corequisite(s): 810:080 (CS 1800)

If your equivalent course did not use the Python programming language, it is not a big problem. The same introductory programming concepts apply. You will just need to do some additional reading in the textbook (Chapters 1-10) to understand the Python syntax of `if` statements, `for` statements, etc. The textbook author has an overview of all the essential differences between Python, Java, and C++ at his web-site: <http://home.wlu.edu/~lambertk/python/>. Plus, there are many free, on-line Python tutorials at <http://www.python.org/>

This is a Guided Independent Study course. You may enroll at any time and take up to nine months to complete the course. Students must register through the GIS office or online at <http://www.uni.edu/continuinged/gis/enroll/>

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This GIS course is web-based and has an additional technology fee.

CS 1800 Discrete Structures 3 Units

Undergraduate Enrollment Requirement(s): 810:030 (CS 1130), 810:036 (CS 1160), or 810:051 (CS 1510)

01 - LEC (32370) 3 Units

12:00PM 12:50PM	MWF	John Benjamin Schafer	ITT	322
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FALL 2012 Schedule of Classes

Section Meeting Times	Meeting Days	Instructor	Building	Room
02 - LEC (34406) 3 Units 12:30PM 01:45PM	TR	Aleksandar Poleksic	ITT	328
<p>GSW - LEC (33963) 3 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required Arranged Mark A Fienup Prerequisite--UNI students: 810:030 (CS 1130), 810:036 (CS 1160), or 810:051 (CS 1510) This is a Guided Independent Study course. You may enroll at any time and take up to nine months to complete the course. Students must register through the GIS office or online at http://www.uni.edu/continuinged/gis/enroll/ Tuition for GIS courses is in addition to the full-time, on-campus rate. In general, GIS courses do not qualify for financial aid. This GIS course is web-based and has an additional technology fee.</p>				
<p>CS 2530 Intermediate Computing 3 Units Undergraduate Enrollment Requirement(s): 810:051 (CS 1510); 810:052 (CS 1520); 810:080 (CS 1800)</p>				
01 - LEC (32369) 3 Units 12:30PM 01:45PM	TR	V Eugene Wallingford	ITT	322
<p>CS 2650 Computational Biology I 3 Units Undergraduate Enrollment Requirement(s): 810:036 (CS 1160) or 810:051 (CS 1510); 810:080 (CS 1800)</p>				
01 - LEC (32377) 3 Units 02:00PM 03:15PM	TR	Aleksandar Poleksic	ITT	328
<p>CS 2720 Software Engineering 3 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800)</p>				
01 - LEC (32378) 3 Units 11:00AM 11:50AM	MWF	Stephen B Hughes	ITT	328
<p>CS 2880 Topics in Computing: 3D Graphics in Maya 3 Units Undergraduate</p>				
11 - LEC (35645) 3 Units 09:00AM 09:50AM	MWF	Mark F Jacobson	LNG	213
<p>CS 3140 Database Systems 3 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800); junior standing</p>				
01 - LEC (32372) 3 Units 12:00PM 12:50PM	MWF	Kevin C O'Kane	ITT	328
<p>CS 3179 Cooperative Education 1 - 4 Units Undergraduate 01 - COP (32379) 1 - 4 Units Department Consent Required Arranged</p>				
<p>Prerequisite(s): consent of department head and Cooperative Education Office. Credit may not be applied to major or minor. Offered on credit/no credit basis only.</p>				
<p>CS 3470 Networking 3 Units Undergraduate Enrollment Requirement(s): Prerequisite(s): 810:041 (CS 1410); 810:052 (CS 1520); 810:080 (CS 1800); junior standing. Prerequisites for Industrial Technology majors: 330:037 (TECH 1037); 330:041 (TECH 2041); 330:042 (TECH 2042); 810:036 (CS 1160)</p>				
01 - LEC (32376) 3 Units 11:00AM 12:15PM	TR	Paul A Gray	ITT	328
<p>CS 3530 Design and Analysis of Algorithms 3 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800)</p>				
01 - LEC (35628) 3 Units 09:30AM 10:45AM	TR	Aleksandar Poleksic	ITT	328
<p>CS 4620 Intelligent Systems 3 Units Undergraduate Enrollment Requirement(s): 810:053 (CS 2530); 810:161 (CS 3610/CS 5610) or equivalent; junior standing</p>				
01 - LEC (35491) 3 Units 03:30PM 04:45PM	TR	Aleksandar Poleksic	ITT	328

FALL 2012 Schedule of Classes

Section	Meeting Times	Meeting Days	Instructor	Building	Room
CS 4740 Real-Time Embedded Systems 4 Units					
Undergraduate Enrollment Requirement(s): 810:053 (CS 2530); 810:172 (CS 2720); junior standing					
01 - LEC (35493) 4 Units					
	01:00PM 01:50PM	MWF	John W McCormick	ITT	322
	08:00AM 09:50AM	T	John W McCormick	WRT	120
02 - LEC (35934) 4 Units					
	01:00PM 01:50PM	MWF	John W McCormick	ITT	322
	10:00AM 11:50AM	T	John W McCormick	WRT	120
CS 4800 Undergraduate Research in Computer Science 1 - 3 Units					
Undergraduate					
01 - LEC (32380) 1 - 3 Units Department Consent Required					
		Arranged	John Benjamin Schafer		
02 - LEC (32381) 1 - 3 Units Department Consent Required					
		Arranged	Paul A Gray		
03 - LEC (32382) 1 - 3 Units Department Consent Required					
		Arranged	Stephen B Hughes		
04 - LEC (32383) 1 - 3 Units Department Consent Required					
		Arranged	V Eugene Wallingford		
05 - LEC (35098) 1 - 3 Units Department Consent Required					
		Arranged	Mark A Fienup		
06 - LEC (35167) 1 - 3 Units Department Consent Required					
		Arranged	Aleksandar Poleksic		
07 - LEC (35237) 1 - 3 Units Department Consent Required					
		Arranged	Kevin C O'Kane		
CS 5140 Database Systems 3 Units					
Graduate					
01 - LEC (32371) 3 Units					
	12:00PM 12:50PM	MWF	Kevin C O'Kane	ITT	328
CS 5470 Networking 3 Units					
Graduate					
01 - LEC (32375) 3 Units					
	11:00AM 12:15PM	TR	Paul A Gray	ITT	328
CS 5620 Intelligent Systems 3 Units					
Graduate					
01 - LEC (35843) 3 Units					
	03:30PM 04:45PM	TR	Aleksandar Poleksic	ITT	328
CS 5740 Real-Time Embedded Systems 4 Units					
Graduate					
01 - LEC (35839) 4 Units					
	01:00PM 01:50PM	MWF	John W McCormick	ITT	322
	08:00AM 09:50AM	T	John W McCormick	WRT	120
02 - LEC (35936) 4 Units					
	01:00PM 01:50PM	MWF	John W McCormick	ITT	322
	10:00AM 11:50AM	T	John W McCormick	WRT	120
CS 6400 Computer Systems 3 Units					
Graduate Enrollment Requirement(s): Prerequisite(s): for Computer Science majors: 810:142 (CS 2420) or 810:143 (CS 3430/CS 5430). Prerequisite(s) for non-Computer Science majors: proficiency in a high-level programming language; consent of instructor					
01 - LEC (35490) 3 Units					
	02:00PM 03:15PM	TR	Mark A Fienup	ITT	322