

SPRING 2013 Schedule of Classes

Section	Meeting Times	Meeting Days	Instructor	Building	Room
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Computer Science cs

CS 1000 Computing Skills and Concepts 3 Units

Undergraduate

01 - LEC (52524) 3 Units

02:00PM 02:50PM

MWF

Samuel L Barr

ITT

28

Introduction to computers and how they work in the modern world. No programming required.

CS 1020 Microcomputer Systems 3 Units

Undergraduate Enrollment Requirement(s): 810:022 (CS 1010) or any one-semester programming course

01 - LEC (52525) 3 Units

12:30PM 01:45PM

TR

Mark F Jacobson

ITT

138

This course is part of the Computer Applications certificate.

CS 1025 Computational Modeling and Simulation 3 Units

Undergraduate

01 - LEC (52526) 3 Units

08:00AM 08:50AM

MWF

Mark F Jacobson

ITT

138

No programming required. This course counts for credit in LAC Category 1C Quantitative Techniques and Understanding.

CS 1120 Media Computation 3 Units

Undergraduate

01 - LEC (52537) 3 Units

12:00PM 12:50PM

MWF

John Benjamin
Schafer

ITT

322

CS 1130 Visual BASIC Programming 3 Units

Undergraduate

01 - LEC (52527) 3 Units

11:00AM 11:50AM

MWF

Stephen B Hughes

ITT

28

CS 1160 C/C++ Programming 3 Units

Undergraduate

01 - LEC (52528) 3 Units

02:00PM 03:15PM

TR

Paul A Gray

ITT

328

Course presumes no prior programming experience.

CS 1410 Computer Organization 3 Units

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

01 - LEC (52529) 3 Units

02:00PM 02:50PM

MWF

Kevin C O' Kane

ITT

328

02 - LEC (55482) 3 Units

08:00AM 09:15AM

TR

Mark A Fienup

ITT

322

GSW - LEC (52530) 3 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required

Arranged

Mark A Fienup

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

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 (52531) 4 Units

10:00AM 10:50AM

MWF

John Benjamin
Schafer

ITT

322

10:00AM 11:50AM

T

WRT

112

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02 - LLB (52532) 4 Units 11:00AM 11:50AM 10:00AM 11:50AM	MWF R	John W McCormick	ITT WRT	322 112

GSW - LLB (54297) 4 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required
Arranged Mark A Fienup

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 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 (52533) 4 Units 09:00AM 09:50AM 08:00AM 09:50AM	MWF R	John W McCormick	ITT WRT	322 112
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Uses Ada programming language.

02 - LLB (52534) 4 Units 11:00AM 12:15PM 10:00AM 11:50AM	TR W	Mark A Fienup	ITT WRT	322 112
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Uses Python programming language.

GSW - LLB (52535) 4 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required
Arranged Mark A Fienup

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

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 (52538) 3 Units 09:30AM 10:45AM	TR	Aleksandar Poleksic	ITT	328
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02 - LEC (55844) 3 Units 12:30PM 01:45PM	TR	Aleksandar Poleksic	ITT	328
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GSW - LEC (52540) 3 Units Instruction Mode: Online Guided Indep. Study Instructor Consent Required
Arranged Mark A Fienup

Prerequisite--UNI students: CS 1130 (810:030), CS 1160 (810:036), or CS 1510 (810:051)

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 2100 Web Development: Server-side Coding 3 Units

Undergraduate Enrollment Requirement(s): CS 1100 (810:017) or consent of instructor.

01 - LEC (55818) 3 Units 01:00PM 01:50PM	MWF	J Philip East	ITT	322
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CS 2530 Intermediate Computing 3 Units

Undergraduate Enrollment Requirement(s): 810:051 (CS 1510); 810:052 (CS 1520); 810:080 (CS 1800)

01 - LEC (52536) 3 Units 01:00PM 01:50PM	MWF	Michael J Holmes	ITT	328
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Section	Meeting Times	Meeting Days	Instructor	Building	Room
CS 2720 Software Engineering 3 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800) 01 - LEC (52548) 3 Units					
	09:00AM 09:50AM	MWF	Stephen B Hughes	ITT	328
CS 2880 Topics in Computing: Vis Effect Anmtn Motn Grphc 3 Units Undergraduate 12 - LEC (52541) 3 Units					
	11:00AM 11:50AM	MWF	Mark F Jacobson	ITT	138
CS 3120 User Interface Design 3 Units Undergraduate Enrollment Requirement(s): Prereq for Comp Sci majors: 810:053 (CS 2530); plus one of following - 810:114 (CS 3140/5140), 810:115 (CS 3150/5150), 810:153 (CS 3530), 810:154 (CS 3540), 810:172 (CS 2720); jr stdg. Prereq for non-Comp Sci majors: jr stdg; cons of inst. 01 - LEC (55822) 3 Units					
	11:00AM 11:50AM	MWF	J Philip East	ITT	328
CS 3150 Information Storage and Retrieval 3 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800); junior standing 01 - LEC (52543) 3 Units					
	12:00PM 12:50PM	MWF	Kevin C O' Kane	ITT	328
CS 3179 Cooperative Education 1 - 4 Units Undergraduate 01 - COP (52549) 1 - 4 Units Department Consent Required					
			V Eugene Wallingford		
CS 3430 Operating Systems 3 Units Undergraduate Enrollment Requirement(s): 810:041 (CS 1410); 810:052 (CS 1520); 810:080 (CS 1800); junior standing 01 - LEC (52547) 3 Units					
	11:00AM 12:15PM	TR	Paul A Gray	ITT	328
CS 3510 Topics in Programming: Cobol I 1 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800) 80 - LEC (55898) 1 Units					
	02:00PM 02:50PM	MWF	J Philip East	ITT	322
Class meets January 14-February 15. Two additional topics courses offered spring 2013 for 5 separate weeks after Cobol I concludes.					
CS 3510 Topics in Programming: JavaScript 1 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800) 90 - LEC (55903) 1 Units					
	02:00PM 02:50PM	MWF	J Philip East	ITT	322
Class meets April 1-May 3. Final 5-week topics course offered spring 2013.					
CS 3510 Topics in Programming: Cobol II 1 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800) 81 - LEC (55902) 1 Units					
	02:00PM 02:50PM	MWF	J Philip East	ITT	322
Class meets February 18-March 29. One additional topics course offered spring 2013 for 5 separate weeks after Cobol II concludes.					
CS 3540 Programming Languages and Paradigms 3 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800) 01 - LEC (55833) 3 Units					
	12:30PM 01:45PM	TR	V Eugene Wallingford	ITT	322
CS 3810 Theory of Computation 3 Units Undergraduate Enrollment Requirement(s): 810:080 (CS 1800); junior standing 01 - LEC (55847) 3 Units					
	03:30PM 04:45PM	TR	Aleksandar Poleksic	ITT	328
CS 4400 System Administration 3 Units Undergraduate Enrollment Requirement(s): 810:147 (CS 3470/CS 5470); junior standing					

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Section Meeting Times	Meeting Days	Instructor	Building	Room
01 - LEC (55839) 3 Units 08:00AM 09:15AM	TR	Paul A Gray	ITT	328
CS 4800 Undergraduate Research in Computer Science 1 - 3 Units Undergraduate				
01 - LEC (52550) 1 - 3 Units Department Consent Required Arranged		Stephen B Hughes		
02 - LEC (52551) 1 - 3 Units Department Consent Required Arranged		V Eugene Wallingford		
03 - LEC (52552) 1 - 3 Units Department Consent Required Arranged		Kevin C O' Kane		
04 - LEC (52553) 1 - 3 Units Department Consent Required Arranged		John Benjamin Schafer		
05 - LEC (52554) 1 - 3 Units Department Consent Required Arranged		Paul A Gray		
06 - LEC (54746) 1 - 3 Units Department Consent Required Arranged		Aleksandar Poleksic		
07 - LEC (55066) 1 - 3 Units Department Consent Required Arranged		J Philip East		
08 - LEC (55067) 1 - 3 Units Department Consent Required Arranged		Mark A Fienup		
CS 4880 Topics in Computer Science: Medical Informatics 3 Units Undergraduate Enrollment Requirement(s): 810:052 (CS 1520); 810:080 (CS 1800); junior standing				
01 - LEC (55966) 3 Units 10:00AM 10:50AM	MWF	Kevin C O' Kane	ITT	328
CS 5120 User Interface Design 3 Units Graduate				
01 - LEC (55877) 3 Units 11:00AM 11:50AM	MWF	J Philip East	ITT	328
CS 5150 Information Storage and Retrieval 3 Units Graduate				
01 - LEC (52542) 3 Units 12:00PM 12:50PM	MWF	Kevin C O' Kane	ITT	328
CS 5400 System Administration 3 Units Graduate				
01 - LEC (55881) 3 Units 08:00AM 09:15AM	TR	Paul A Gray	ITT	328
CS 5430 Operating Systems 3 Units Graduate				
01 - LEC (52546) 3 Units 11:00AM 12:15PM	TR	Paul A Gray	ITT	328
CS 5810 Theory of Computation 3 Units Graduate				
01 - LEC (55879) 3 Units 03:30PM 04:45PM	TR	Aleksandar Poleksic	ITT	328
CS 6299 Research 1 - 6 Units Graduate				
01 - RSC (52555) 1 - 6 Units Department Consent Required		Paul A Gray		
02 - RSC (52556) 1 - 6 Units Department Consent Required				

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Section	Meeting Times	Meeting Days	Instructor	Building	Room
03 - RSC (52557) 1 - 6 Units			John W McCormick		
Department Consent Required					
			J Philip East		
CS 6500 Algorithms 3 Units					
Graduate Enrollment Requirement(s): 810:153 (CS 3530)					
01 - LEC (55836) 3 Units					
02:00PM 03:15PM		TR	Mark A Fienup	ITT	322