









University of Idaho Study Abroad Transformative Learning Map

College of Science

Computer Science Courses

Key

	= Could study abroad
	= Could do national student exchange
	= Course has international focus
	= Could do internships, cooperative education, or research projects
	= Occasionally offered as service-learning course
	= Could do practicums or clinical experiences
---	= Pending information from department
	= Year-long sequence that should not be broken up
()	= May be approved on a case by case basis
	= Cannot be done abroad or on national student exchange

Find UI Approved International Universities for Your Major

<http://www.webs.uidaho.edu/ipo/abroad/search/subjects.htm>




















Find USAC Study Abroad Programs for Your Major



























<http://usac.unr.edu/programs/search.aspx>

This Transformative Learning Map (TLM) is intended to be used as an advising tool only, not a contract between the student and the university, and is subject to verification by the student's academic advisor and/or department chair. The TLM is designed to help students plan for transformative learning experiences such as study abroad, national student exchange, service-learning and internships. While a good faith effort has been made to provide accurate and up-to-date information for the TLM, course and degree requirements may change and so it is imperative you meet with your academic advisor to determine what changes, if any, have taken place and plan your experiences accordingly. The TLM is designed under the University of Idaho General Catalog. Please refer to the Catalog for specific requirements and seek the advice of your advisor for questions.

Key	Course Information	Credit	Notes
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*Major requirements (Electives to be chosen in consultation with departmental advisor)

	CS 101- Introduction to Computer Science (UI Core course)	3	Not for Computer Science major
	*CS 105- Computer Science as a Profession	2	Only at UI
	CS 112- Intro to Problem Solving & Programming	3	Not for Computer Science major
	*CS 120- Computer Science I	4	
	*CS 121- Computer Science II	4	
	CS 127(s)- Programming Language	1-3, max arr	Usually for non-majors
	CS 130- Programming with Visual Basic	3	
	*CS 150- Computer Organization & Architecture	3	
	CS 204(s)- Special Topics	cr arr	
	*CS 210- Programming Languages	3	
	*CS 240- Computer Operating Systems	3	
	*CS 270- System Software	3	
	CS 299(s)- Directed Study	cr arr	
	CS ID&WS324- Computer Graphics	3	
	CS 336- Introduction to Information Assurance	3	
	CS 360- Database Systems	3	
	*CS 383- Software Engineering I	3	Year-long sequence with CS 384. Discuss your study plan with your advisor carefully.
	*CS 384- Software Engineering II	3	Year-long sequence with CS 383. Discuss your study plan with your advisor carefully.
	*CS 385- Theory of Computation	3	
	CS 386- Derivational Programming	3	

	*CS 395- Analysis of Algorithms	3	
	CS 398(s)- Computer Science Cooperative Internship	1-3, max 3	Encouraged to do on Study Abroad
	*CS 401- Contemporary Issues in Computer Science	1	
	CS 404(s)- Special Topics	cr arr	
	CS J411- Parallel Programming	3	
	CS J412- Parallel Algorithms	3	
	CS J413- Concurrent Systems	3	
	CS J415- Computational Biology: Sequence Analysis	3	
	CS J420- Data Communication Systems	3	
	CS J424- Advanced Computer Graphics	3	
	CS 428- Games & Virtual Environments	3	
	CS J436- Advanced Information Assurance Concepts	3	
	CS ID-J438- Network Security	3	Possibly available on National Student Exchange. Discuss the availability with your advisor.
	CS J439- Applied Security Concepts	3	Possibly available on National Student Exchange. Discuss the availability with your advisor.
	CS J441- Advanced Operating Systems	3	
	*CS ID&WS445- Compiler & Translator Design	4	
	CS J447- Computer & Network Forensics	3	
	CS J448- Survivable Systems & Networks	3	Possibly available on National Student Exchange. Discuss the availability with your advisor.
	CS J449- Fault-Tolerant Systems	3	
	CS J451- Advanced Computer Architecture	3	
	CS J461- Advanced Database Systems	3	
	CS J470- Artificial Intelligence	3	
	CS J472- Evolutionary Computation	3	
	*CS 481- Senior Capstone Design	4	
	CS J486- software Specification	3	
	CS 499(s)- Directed Study	cr arr	
The University of Idaho reserves the right to change, amend or discontinue any articulation agreement or curriculum plan at any time.			