

**INTERNATIONAL STUDIES MAJOR**  
 Major Concentration Options  
 Academic Year 2007-2008 (Revised: August 15, 2007)

Name: \_\_\_\_\_  
 Catalog Year: \_\_\_\_\_

Student ID: \_\_\_\_\_  
 Date: \_\_\_\_\_

**BIOLOGY**

This concentration will give students a basic understanding of the principles of modern biology and biotechnology.

<b><u>BIOL</u></b>	BIOL 3000K Genetics (4)	1 <input type="checkbox"/>
	BIOL 3310K Molecular Biology (4)	2 <input type="checkbox"/>
	BIOL 3200K Biotechnology (4)	3 <input type="checkbox"/>
	Choose Any BIOL course above the 3000 level (3-4)	4 <input type="checkbox"/>

Hours \_\_\_\_\_

**CIVIL ENGINEERING TECHNOLOGY**

This concentration will give students a basic understanding of the principles and terminology involved in civil engineering technology. In the Core or as Part of the IS Major all students taking this technical specialty must take **MATH 2253 (Calculus I)**. Students taking this technical specialty must take:

<b><u>CIVIL</u></b>	CET 1001 Orientation (1)	1 <input type="checkbox"/>
	ENGR 2160 Civil Graphics (3)	2 <input type="checkbox"/>
	CET 2200 Intro to Structures (4)	3 <input type="checkbox"/>
	CET 3343 Basic Fluid Mechanics (4)	4 <input type="checkbox"/>
	CET 3344 Fundamentals of Environmental Engineering Technology (4)	5 <input type="checkbox"/>

<b><u>SURVEYING</u></b>	CET 1001 Orientation (1)	1 <input type="checkbox"/>
	ENGR 2160 Civil Graphics (3)	2 <input type="checkbox"/>
	SURV 2221 Surveying I (4)	3 <input type="checkbox"/>
	SURV 3222 Surveying II (4)	4 <input type="checkbox"/>
	SURV 3421 Geographic Info Systems (4)	5 <input type="checkbox"/>

Hours \_\_\_\_\_

**COMPUTING**

This concentration will give students a basic understanding of the principles and terminology involved in computer science and programming. Students taking this technical specialty must take:

<b><u>COMPUTING</u></b>	CSE 1301	Programming and Problem Solving I (4)	1 <input type="checkbox"/>
	CSE 1302	Programming and Problem Solving II (4)	2 <input type="checkbox"/>
	CSE 2642	Professional Practices and Ethics (2)	3 <input type="checkbox"/>
	SWE 2313	Introduction to Software Engineering (3)	4 <input type="checkbox"/>
	CS 3153	Database Systems (3)	5 <input type="checkbox"/>
	IT 3123	Hardware/Software Concepts (3)	6 <input type="checkbox"/>

Hours \_\_\_\_\_

**CONSTRUCTION**

This concentration will give students a basic understanding of what makes the construction process work. Students taking this technical specialty must take:

<b><u>CONSTRUCTION</u></b>	CNST 1000	Orientation (2)	1 <input type="checkbox"/>
	CNST 2000	Construction Graphics (3)	2 <input type="checkbox"/>
	CNST 3000	Computer Applications (2)	3 <input type="checkbox"/>
	CNST 3110	Building Techniques I (4)	4 <input type="checkbox"/>
	CNST 3410	Estimating I (3)	5 <input type="checkbox"/>

Hours \_\_\_\_\_

**ELECTRICAL ENGINEERING TECHNOLOGY**

This concentration will give students a basic understanding of the principles and terminology involved in electrical engineering technology. For their core level courses, all students taking this technical specialty are encouraged to take **MATH 2253 (Calculus I), PHYS 1111 (Introductory Physics I), and PHYS 1112 (Introductory Physics II).**

<b><u>ELECTRICAL</u></b>	ECET 1000	Orientation (2)	1 <input type="checkbox"/>
	ECET 1011	Fundamentals (3)	2 <input type="checkbox"/>
	ECET 3810	C++, JAVA, HTML (3)	3 <input type="checkbox"/>
	ECET 3000	Electrical Principles (4)	4 <input type="checkbox"/>
	ECET 2800	Intro to Telecommunication (3)	5 <input type="checkbox"/>

Hours \_\_\_\_\_

**GENERAL TECHNOLOGY CONCENTRATION**

This option gives students a broad understanding of technology and enables them to work across a broad range of technologies. Students taking this option are encouraged to take **PHYS 1111 (General Physics I)** and **PHYS 1112 (General Physics II)** as part of the Core. Students taking this technical specialty must also take:

<b><u>GENERAL TECH</u></b>	1. <b>Orientation Course. Take any <u>one</u> of the following (1-2 Hours)</b>	1 □
	ATT 1000 Apparel and Textile Orientation (1)	
	CET 1001 Orientation to CET (1)	
	CNST 1000 Orientation to Construction (2)	
	ECET 1000 Orientation to ECET (2)	
	IET 1000 Orientation to IET (1)	
	MET 1000 MET Orientation (1)	
2. <b>Computer Literacy (3-4 Hours)</b>	2 □	
CS 1301 Computer Science I (4)		
<b>or</b>		
CS 2123 C Programming (3)		
3. <b>Graphics. Take one of the following (2-3 Hours)</b>	3 □	
EG 1210 Survey of Engineering Graphics (2)		
EG 1211 Survey of Engineering Graphics I (3)		
CNST 2000 Construction Graphics (3)		
4. <b>Electricity (4 Hours)</b>	4 □	
ECET 3000 Electrical Principles (Prerequisite: PHYS 1112) (4)		
5. <b>Measurement. Take one of the Following (4 Hours)</b>	5 □	
CET 2200 Introduction to Structures (Prerequisite: Phys 1111) (4)		
SURV 2200 Construction Measurement (Prerequisite: Math 1113) (4)		
SURV 2221 Surveying I (4)		
6. <b>Manufacturing (3-4Hours)</b>	6 □	
MET 1311 Manufacturing Process (3)		
<b>or</b>		
IET 2305 Production Process (4)		

Hours \_\_\_\_\_

**HISTORY**

This concentration encompasses the development of the human experience as it changes over time and across cultures and offers analytical and communications skills applicable in a wide range of professional settings.

<b><u>HIST</u></b>	Foundations in World Civilization	
	HIST 1111      World Civilization: to 1500*   OR	1 □
	HIST 1112      World Civilization: from 1500*	
	Foundations in U.S. History	
	HIST 2111      American History I*   OR	2 □
	HIST 2112      American History II*	
	Directed Electives: Take any three of the following courses	
	SIS 400X      Regional Studies**	3 □
	HIST 3901-03   Special Topics	4 □
	HIST 3301      Diplomatic and Military History since 1815	5 □
	HIST 3401      Social and Cultural History during the 20 <sup>th</sup> Century	
	HIST 3501      Colonization and Rebellion in the Trans-Atlantic World	
HIST 3601      History of the Pacific Rim		
*Note: International Studies majors with history concentration must take both American History courses and both World Civilization courses.		
**Note: Students will not be allowed to take more than one SIS 400X Regional Studies class in order to satisfy their History Concentration requirements.		

Hours \_\_\_\_\_

**HISTORY OF SCIENCE AND TECHNOLOGY**

This concentration will use historical investigation to give students a deeper understanding of the nature and impact of science and technology.

<b><u>HIST SCI &amp; TECH</u></b>	Foundations in World Civilization		
	HIST 1111	World Civilization: to 1500* OR	1 □
	HIST 1112	World Civilization: from 1500*	
	Foundations in U.S. History		
	HIST 2111	American History I* OR	2 □
	HIST 2112	American History II*	
	Directed Electives: Take any three of the following courses:		
	HIST 3200	History of Science Survey	3 □
	HIST 3250	History of American Technology	4 □
	HIST 3260	History of American Science & Medicine	5 □
	HIST 4901-03	Special Topics in the History of Science and Technology	
*Note: International Studies majors with a history of science and technology concentration must take both American History courses and both World Civilization courses.			

Hours \_\_\_\_\_

**INDUSTRIAL ENGINEERING TECHNOLOGY**

This concentration will give students a basic understanding of the principles and terminology involved in industrial engineering technology.

<b><u>INDUSTRIAL</u></b>	IET 1000	Orientation (1)	1 □
	IET 2227	Industrial Statistics (4)	2 □
	IET 2305	Principles of Industrial Systems/Processes (4)	3 □
	IET 2432	Engineering Product and Process Cost Estimating I (3)	4 □
	IET 3322	Work Measurement and Ergonomics (4)	5 □

Hours \_\_\_\_\_

**INTERNATIONAL BUSINESS**

This concentration will give students a basic understanding of important functional areas in business. These basic skills are vital in managing international organizations.

<b><u>IB</u></b>	ACCT 2101	Accounting I (3)	1 □
	MGNT 3105	Management and Organizational Behavior (3)	2 □
	MGNT 3125	Basic Business Finance (3)	3 □
	MGNT 3135	Marketing Principles (3)	4 □
	MGNT 4145	International Management (3)	5 □

Hours \_\_\_\_\_

**LATIN AMERICAN STUDIES**

The Latin American Studies Concentration provides students with a basic understanding of Latin America and proficiency in Spanish for work in government, non-governmental organizations, and business.

<b><u>LAS</u></b>	ES 1100	Ethnic Studies (3)*	1 <input type="checkbox"/>
	HIST 3501	Colonization and Rebellion in the Trans-Atlantic World (3)	2 <input type="checkbox"/>
	SIS 3903	Special Topics in International Studies: International Relations of the Americas	3 <input type="checkbox"/>
	SIS 4001	Regional Studies/Latin America (3)**	4 <input type="checkbox"/>
	SPAN 3003	Hispanic Cultures and Civilizations (3)	5 <input type="checkbox"/>
<p><b>*Note:</b> The only ES1100 course that will count towards the Latin American Studies concentration is Latino/Hispanic Ethnic Studies.</p> <p><b>** Note:</b> The student must take an additional Regional Studies (SIS 400X) course to fulfill the International Studies major's upper division core requirement.</p>			

Hours

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**MANAGEMENT**

This concentration will give students a basic understanding of management skills and technology. These basic skills are vital in managing international and high technology organizations.

<b><u>MGNT</u></b>	MGNT 3105	Management and Organizational Behavior (3)	1 <input type="checkbox"/>
	Choose 12 additional hours of Management electives (12)		2 <input type="checkbox"/>
* At least 6 of the 12 hours must be from upper division courses [3000- and 4000-levels]			3 <input type="checkbox"/>
			4 <input type="checkbox"/>
			5 <input type="checkbox"/>

Hours

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**POLITICAL SCIENCE**

This concentration provides students with a basic introduction into the terminology, theoretical frameworks and developments within the various sub-fields of political science.

<b><u>POLS</u></b>	Orientation Course:	
	POLS 1101 American Government* OR HIST 2112 American History II*	1 □
	Required Courses: Take all of the following	
	POLS 3201 Constitutional and International Law	2 □
	POLS 3301 Modern Political Theory	3 □
	POLS 3601 Contemporary World Politics	4 □
Directed Electives: Take one of the following		
SIS 400X Any Regional Studies course POLS 4101 Political Economy of Post-Communist Transformation	5 □	
*Note: If an International Studies major has taken POLS 1101 (American Government) for fulfillment of Area E, Group 1, then the student is required to take HIST 2112 as a substitute course.		

Hours \_\_\_\_\_

**SOCIAL SCIENCE**

With this concentration, students will be introduced to the basic terminology, theoretical frameworks and developments within various social science disciplines.

<b><u>Social Science</u></b>	Students must take two of the following:	
	ANTH 1102 Introduction to Anthropology	1
	GEOG 1101 Introduction to Human Geography	2
	POLS 3601 Contemporary World Politics	
	RELG 1200 World Religions	
	Directed Electives: Students must take three of the following*:	
	HIST elective Any History course	
	PSYC elective Any Psychology course	3
	POLS elective Any Political Science course	4
	SIS elective Any SIS course	5
SPAN 3003 Hispanic Cultures and Civilizations**		
*Note: Students may take only one course from each prefix/designator to meet these requirements.		
** Note: Only for students with requisite Spanish language skills.		

Hours \_\_\_\_\_

**SPANISH**

With this concentration students can achieve an intermediate low proficiency in Spanish and a basic understanding of Hispanic cultures in order to function successfully in them.

<b><u>SPAN</u></b>	SPAN 300X    Any two 3000 level SPAN courses	1 <input type="checkbox"/> 2 <input type="checkbox"/>
	SPAN 400X    Any three 4000 level SPAN courses	3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/>

Hours \_\_\_\_\_

**TECHNOLOGY AND THE LAW**

One of the most common career paths chosen by students of International Studies is a legal career. Additionally, legal training in technology issues is both in demand at present and is extensively needed domestically, as well as internationally. Thus, this concentration will provide International Studies majors with additional coursework that will better prepare them for pursuing a career in law upon graduation with a B.S. in I.S.

<b><u>TECH &amp; LAW</u></b>	Students must take all of the following:	
	POLS 1101    American Government* (3) HIST 2111    American History I* (3) HIST 2112    American History II* (3)	1 <input type="checkbox"/> 2 <input type="checkbox"/>
	Students must take three of the following, (for a total of 9 hours):	
	POLS 3201    Constitutional and International Law (3) POLS 3301    Modern Political Theory (3) POLS 3401    Regulatory and Environmental Law (3) POLS 3501    Intellectual Property Issues (3) MGNT 3145    Legal Environment (3) CNST 4760    Construction Law (3)	3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/>
	* NOTE: One of these three courses satisfies the student's Area E, Group 1 Core requirement. The other two courses (for six hours) are required in this concentration.	

Hours \_\_\_\_\_

**TECHNICAL and PROFESSIONAL COMMUNICATION**

This concentration will give students a basic understanding of the principles and terminology involved in technical writing. Students taking this technical specialty must take:

<b><u>TCOM</u></b>	TCOM 2000    Business Communication (3)	1 <input type="checkbox"/>
	TCOM 2010    Technical Writing (3)	2 <input type="checkbox"/>
	TCOM 300x    Any three 3000 level TCOM courses (9)	3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/>

Hours \_\_\_\_\_