

## List of CSC Electives

CSC 410/510

CSC 412/512

CSC 414/514

CSC 415/415L/515/515L

CSC 426/526

CSC 433/533

CSC 441/541

CSC 442/542

CSC 445/545

CSC 447/547

CSC 449/549

CSC 476/476L/576/576L

CENG 444/444L/544/544L

A 3-credit Co-op (CP 497) may be substituted for, at most, one computer science elective. Special topics and independent study courses may not be used to satisfy the computer science elective requirement.



List of MATH Electives

MATH 321 MATH 381 MATH 382 MATH 413 MATH 421 MATH 423 MATH 443/543



## **List of Science Courses**

GOAL #6: Students will understand the fundamental principles of the natural sciences and apply scientific methods of inquiry to investigate the natural world. (6 credits) Must include a lab so typically a minimum of 7 credits.

BIOL 151/151L	General Biology I/Lab	3/1 hrs	GEOL 201/201L	Physical Geology/Lab	3/1 hrs
BIOL 153/153L	General Biology II/Lab	3/1 hrs	PHYS 111/111L	Introduction to Physics I/Lab	3/1 hrs
CHEM 106/106L	Chemistry Survey/Lab	3/1 hrs	PHYS 113/113L	Introduction to Physics II/Lab	3/1 hrs
CHEM 108/108L	Organic & Biochem/Lab	4/1 hrs	PHYS 211	University Physics I	3 hrs
CHEM 112/112L	General Chemistry I/lab	3/1 hrs	PHYS 213/213L	University Physics II/Lab	3/1 hrs
CHEM 114/114L	General Chemistry II/Lab	3/1 hrs			

## List of Arts/Hum/SS

GOAL #3: Students will understand the organization, potential, and diversity of the human community through study of the social sciences. (6 credits, in <u>2 disciplines or course prefixes</u>) Courses offered by SDSM&T are in bold.

ABS 203	Global Food Systems	3 hrs	INED 211	SD American Indian Cult/Edu	3 hrs
AIS/HIST 257	Early Amer Indian Hist &	3 hrs	INFO 102	Social and Ethical Aspects of	3 hrs
	Culture			Informatics	
ANTH 210	Cultural Anthropology	3 hrs	NATV 110	The Native Studies Discipline	3 hrs
ANTH 220	Physical Anthropology	3 hrs	POLS 100	American Government	3 hrs
ANTH 230	Intro to Archaeology	3 hrs	POLS 102	American Political Issues	3 hrs
CJUS 201	Intro to Criminal Justice	3 hrs	POLS 141	Governments of the World	3 hrs
ECON 101	The Global Economy	3 hrs	POLS 165	Political Ideologies	3 hrs
ECON 201	Prin of Microeconomics	3 hrs	POLS 210	State & Local Government	3 hrs
ECON 202	Prin of Macroeconomics	3 hrs	POLS 250	World Politics	3 hrs
GEOG 101	Intro to Geography	3 hrs	POLS 253	Current World Problems	3 hrs
GEOG 200	Intro to Human Geog	3 hrs	PSYC 101	General Psychology	3 hrs
GEOG 210	World Regional Geog	3 hrs	REL 237	Religion in American Culture	3 hrs
GEOG 212	Geog of North America	3 hrs	SOC 100	Intro to Sociology	3 hrs
GEOG 219	Geog of South Dakota	3 hrs	SOC 150	Social Problems	3 hrs
GLST 201	Global Studies I	3 hrs	SOC 240	Sociology of Rural America	3 hrs
HDFS 141	Individual and the Family	3 hrs	SOC 250	Courtship & Marriage	3 hrs
HDFS/EPSY	Lifespan Development	3 hrs	SOC 285	Society and Technology	3 hrs
210					
HIST 151	US History I	3 hrs	UHON 111	Ideas in History	3 hrs
HIST 152	US History II	3 hrs	UHON 210	Interdisciplinary Civilizations I	3 hrs
HIST 256	World History	3 hrs	WmSt 101	Intro to Women's Studies	3 hrs

GOAL #4: Students will understand the diversity and complexity of the human experience through study of the arts and humanities. (6 credits: in <u>2 disciplines or course prefixes or a sequence of a foreign language</u>) ART/ARTH are considered the same prefix. Courses taught at SDSM&T are in bold.

ARAB 101/102	Intro to Arabic I/II	4/4 hrs	HIST 122	Western Civilization II	3 hrs
ARCH 241	Building History i	3 hrs	HUM 100	Intro to Humanities	3 hrs
ART 111	Drawing I	3 hrs	HUM 200	Connections	3 hrs
ART 112	Drawing II	3 hrs	LAKL/AIS 101/102	Intro Lakota I/II	4/4 hrs
ART 121	Design I	3 hrs	LATI 101	Elementary Latin	4 hrs
ART 123	Three Dimensional Des	3 hrs	LATI 102	Adv Elementary Latin	4 hrs
ARTH 100	Art Appreciation	3 hrs	MCOM 151	Intro to Mass Communications	2-3 hrs
ARTH 120	Film as Art	3 hrs			
ARTH 121	Intro to the Visual Arts	3 hrs	MCOM 160	Introduction to Film	3 hrs
ARTH 211	History of World Art I	3 hrs	MFL 101/102	Intro to Foreign Lang & Cult I/II	4/4 hrs
ARTH 212	History of World Art II	3 hrs			
ARTH 231	Survey of Art, Music, Theatre	3 hrs	MUS/ANTH 240	Music Cultures of the World	3 hrs
ARTH/AIS 251	Amer Indian Art Hist	3 hrs	MUS 100	Music Appreciation	3 hrs
CHIN 101/102	Intro Chinese I/II	4/4 hrs	MUS 117	Music in Performance	1 hr
ENGL 115	Amer Indian Oral Lit	3 hrs	MUS 130	Music Lit & History I	2 hrs
ENGL 125	Introduction to Peace and Conflict Studies	3 hrs	MUS 131	Music Lit & History II	3 hrs
ENGL 210	Intro to Literature	3 hrs	MUS 200	American Music	3 hrs
ENGL 211	World Literature I	3 hrs	MUS 201	History of Country Music	3 hrs
ENGL 212	World Literature II	3 hrs	MUS 203	Blues, Jazz and Rock	3 hrs
ENGL 214	Amer Indian Literature	3 hrs	PHIL 100	Intro to Philosophy	3 hrs
ENGL 221	British Literature I	3 hrs	PHIL 200	Intro to Logic	3 hrs
ENGL 222	British Literature II	3 hrs	PHIL 215	Intro to Social/Political Phil	3 hrs
ENGL 230	Lit for Younger Readers	3 hrs	PHIL 220	Intro to Ethics	3 hrs
ENGL 240	Juvenile Literature	3 hrs	PHIL 233	Philosophy and Literature	3 hrs
ENGL 241	American Literature I	3 hrs	PHIL 270	Philosophy of Religion	3 hrs
ENGL 242	American Literature II	3 hrs	PHIL 287	Philosophy of Art	3 hrs
ENGL 248	Women in Literature	3 hrs	REL 213	Intro to Religion	3 hrs
ENGL 249	Lit of Diverse Cultures	3 hrs	REL 224	Old Testament	3 hrs
ENGL 250	Science Fiction	3 hrs	REL 225	New Testament	3 hrs
ENGL 256	Lit of the American West	3 hrs	REL 238	Native American Religions	3 hrs
ENGL 258	Literature and Culture	3 hrs	REL 250	World Religions	3 hrs
ENGL 268	Literature	3 hrs	RUSS 101/102	Intro to Russian I/II	4/4 hrs
FREN 101/102	Intro French I/II	4/4 hrs	SPAN 101/102	Intro to Spanish I/II	4/4 hrs
FREN 201/202	Intermediate French I/II	4/4 hrs	SPAN 201/202	Intermediate Spanish I/II	4/4 hrs
GER 101/102	Intro German I/II	4/4 hrs	THEA 100	Introduction to Theatre	3 hrs
GER 201/202	Intermediate German I/II	4/4 hrs	THEA 131	Introduction to Acting	3 hrs
GFA 101	Intro to Fine Arts	3 hrs	THEA 200	Theatre History	3 hrs
GREE 101	Elementary Greek	4 hrs	THEA 201	Film Appreciation	3 hrs
GREE 102	Adv Elementary Greek	4 hrs	THEA 231	Acting I	3 hrs
HIST 111	World Civilization I	3 hrs	THEA 270	History of World Cinema	3 hrs
HIST 112	World Civilization II	3 hrs	THEA 270	History of World Cinema	3 hrs
HIST 121	Western Civilization I	3 hrs			





## Free Credit Suggestions

PHYS 183 – Elements of Modern Astronomy

PHYS 321 – Implications of Space Travel

POLS 492 - INT'L SECURITY