

# FIT's General Education Requirements and Courses

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FIT students who matriculated after fall 2000 must fulfill General Education requirements in order to receive a bachelor's degree. These requirements are built into the FIT curriculum and in conjunction with major and related area courses in a degree program. An FIT General Education course cannot be used to meet more than one General Education area.

At the associate level Art and Design majors take 18 credits of General Education/Liberal Arts courses plus 6 credits of Art/Design History courses, totaling 24 credits. Business and Technology and Film and Media majors take 24 credits of General Education/Liberal Arts courses at the associate level.

At the AAS level, a second English course is required for all majors. English courses cover a wide variety of General Education areas.

All FIT students including transfers are required to complete a total of 30 SUNY General Education/Liberal Arts credits (10 courses) in a minimum of seven of the ten areas in order to receive a Bachelor degree. This General Education structure is effective for FIT students entering AAS programs in fall 2014 and for those entering BS/BFA programs in fall 2015.

To complete these requirements for a bachelor's degree, students must take **30 credits** of General Education approved courses. This distribution is as follows:

1. Take one (1) course in each of the following areas (**9 credits**): Basic Communications (G1), Mathematics (G2), and Natural Science (G3).
2. Take four (4) different courses from four (4) different areas (**12 credits**) in the G4-G10 categories: Social Sciences (G4), Western Civilization (G5), The Arts (G6), Humanities (G7), Foreign Language (G8), Other World Civilizations (G9), and American History (G10).
3. Take three (3) courses not previously taken in any of the ten (10) areas that meet SUNY General Education approval (**9 credits**).

While the Registrar's Office and the Academic Advisement Center monitor each student's progress in the fulfillment of SUNY and FIT's General Education requirements, final responsibility for completing the requirements rests with the student. A SUNY General Education requirement completed at one SUNY campus will not have to be repeated at FIT.

<b>Code</b>	<b>General Education Area</b>
G1	Basic Communication
G2	Mathematics
G3	Natural Sciences
G4	Social Sciences
G5	Western Civilization
G6	The Arts
G7	Humanities
G8	Foreign Language
G9	Other World Civilizations (Non-Western Civilizations)
G10	American History

## APPROVED GENERAL EDUCATION COURSES

The following FIT courses have been certified by SUNY as meeting specific General Education student learning outcomes and have been approved to meet General Education requirements. Additional courses will be added to this list as they are developed.

**G1 BASIC COMMUNICATION** Students produce coherent texts within common college-level written forms; demonstrate the ability to revise and improve such texts; research a topic, develop an argument, and organize supporting details; develop proficiency in oral discourse; and evaluate an oral presentation according to established criteria.

EN 121	English Composition	3
EN 241	Professional Speech Communication	3
EN 242	Public Speaking	3
EN 343	Advanced Public Speaking	3
EN 362	Creative Nonfiction (Honors)	3
ES 129	College Composition for Non-Native Speakers of English	3

**G2 MATHEMATICS** Students will demonstrate the ability to interpret and draw inferences from mathematical models such as formulas, graphs, tables, and schematics; represent mathematical information symbolically, visually, numerically, and verbally; employ quantitative methods such as arithmetic, algebra, geometry, or statistics to solve problems; estimate and check mathematical results for reasonableness; and recognize the limits of mathematical and statistical methods.

MA 142	Geometry and the Art of Design (formerly MA 242)	3
MA 161	Mathematical Ideas	3
MA 213	Quantitative Methods	3
MA 222	Statistical Analysis	3
MA 231	Precalculus (formerly MA 131)	3
MA 241	Topics in Probability and Geometry	3
MA 311	Mathematical Modeling for Business Applications	3
MA 321	Data Analysis for Business Applications	3
MA 322	Statistics, Machine Learning & Data Mining	3
MA 331	Calculus	3
MA 361	Number Theory	3
MA 391	Mathematics of the Ancient World in Its Cultural and Historic Context (Honors)	3
MA 392	The Mathematics of Personal Finance (Honors)	3

**G3 NATURAL SCIENCES** Students demonstrate an understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis; and application of scientific data, concepts, and models in one of the natural sciences.

JD 148	The Science of Jewelry	3
SC 111	Introduction to the Physical Sciences	3
SC 112	Earth Science	3.5
SC 121	Introduction to Biological Science	3
SC 122	Field Biology	3
SC 132	Color Science for Photography	3
SC 145/045	Survey of General and Organic Chemistry	4
SC 146/046	Basic Chemistry for Cosmetics and Fragrances	3
SC 147	The Forensics of Fiber Analysis	3
SC 148	The Science of Jewelry	3
SC 149	Chemistry for Cosmetics and Fragrances	3
SC 245	Chemistry of the Everyday World	3
SC 253	Ecology and Environmental Problems	3
SC 326	Human Nutrition	3
SC 332	Color and Light	3
SC 032	Color Science Laboratory	1
SC 391	Crime Scene Chemistry (Honors)	4

**G4 SOCIAL SCIENCES** Students demonstrate an understanding of the methods social scientists use to explore social phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical and interpretive analysis. They also demonstrate knowledge of major concepts, models, and issues of at least one discipline in the social sciences.

SS 131	General Psychology	3
SS 141	Macroeconomics	3
SS 151	Introduction to World Affairs	3
SS 171	Introductory Sociology	3
SS 231	Personality	3
SS 232	Developmental Psychology	3
SS 237	Industrial Psychology	3
SS 242	Microeconomics	3
SS 243	History of Economic Thought	3
SS 244	Fashion Economics	3
SS 251	American Government and Politics	3
SS 272	Sex Roles, Marriage, and Family in Transition	3
SS 273	The Study of Social Problems: Prostitution, Drugs, and Other Issues	3
SS 275	Sociology of Race and Ethnic Relations	3
SS 334	The Psychology of Color	3
SS 335	Abnormal Psychology	3
SS 336	Psychology for Sustainability	3
SS 343	Labor Economics	3
SS 345	Fundamentals of Finance for Fashion Industries	3
SS 352	Contemporary Western Europe	3
SS 353	Latin America Today	3
SS 354	Comparative Political Systems	3
SS 374	Cross-Cultural Studies	3
SS 376	Clothing and Society	3
SS 378	Asian Global Popular Culture	3
SS 379	Sociology of the Digital Area	3
SS 385	Social Psychology	3
SS 386	Youth Subculture, Identity, and Fashion: A Sociological Perspective	3
SS 392	Psychopathology and Modern Life (Honors)	3
SS 393	Politics in the Middle East (Honors)	3
SS 394	Global Financial Markets (Honors)	3
SS 395	International Conflict in the 21st Century (Honors)	3
SS 396	Social Experiments: Answering the Questions of Social Psychology (Honors)	3
SS 443	International Economics	3
SS 445	Money and Banking	3
SS 446	Economies of Latin America	3

**G5 WESTERN CIVILIZATION** Students demonstrate knowledge of the development of the distinctive features of the history, institutions, economy, society, culture, etc., of Western civilization and relate the development of Western civilization to that of other regions of the world. Courses that satisfy the Western Civilization learning outcomes should be focused on a foundational aspect of the development of Western civilization, and not on a narrowly defined topic or chronological period.

EN 392	Greek Myths and Their Transformations (Honors)	3
HA 111	History of Western Art and Civilization: Ancient Prehistory Through the Middle Ages	3
HA 112	History of Western Art and Civilization: Renaissance to the Modern Era	3
HA 213	Rome: A Cultural History in Painting, Sculpture, and Architecture	3
HA 311	Medieval Art	3

HA 396	Art and Patronage in the Italian Renaissance (Honors)	3
HI 395	Big Ideas in History: Smith, Darwin, Marx, Freud	3
PL 391	Ancient Greek Philosophy (Honors)	3
PL 392	The Old and New Testaments in the History of Ideas--Honors	3

**G6 THE ARTS** Students demonstrate an understanding of at least one principal form of artistic expression and the creative process inherent therein.

EN 251	Theater Arts	3
EN 254		
EN 258	Introduction to Performance Studies	3
EN 266	Screenwriting I	3
EN 324	Writing on The Arts	3
EN 361	Creative Writing	3
EN 363	Fiction Writing	3
EN 364	Poetry Writing	3
EN 366	Screenwriting II	3
EN 391	The Creative Imagination: Theory and Process (Honors)	3
EN 397		
EN 399	The Craft of Writing Poetry (Honors)	3
FI 231	Documentary Film	3
FI 234	Film Genres: Horror	3
FI 241	History of Russian and Soviet Cinema	3
FI 256	Screenwriting I	3
FI 323	Sexuality in Cinema	3
FI 356	Screenwriting II	3
FI 371	Film Art, Film Critic	3
HA 213	Rome: A Cultural History in Painting, Sculpture, and Architecture	3
HA 214	Art In New York	3
HA 244	Art and Architecture in Paris	3
HA 251	Film Genres: Horror	3
HA 252	History of Russian and Soviet Film	3
HA 333	Contemporary Photography and New Media	3
HA 348	History of the Modern Printed Image	3
HA 381	The Word and the Page: A History of Writing and Books (Honors)	3
HA 394	History of New York Architecture (Honors)	3
HP 231	America at Home: Product Styles from 1900 to Contemporary	3
MU 202	Latin American and Caribbean Music	3
MU 203	Survey of American Music	3
MU 391	(Honors) Masterpieces of Music in the European Classical Tradition	3
PE 215	Dance in New York: A Survey of Live Performance	3
PE 216	History of Ballet and Modern Dance	3
PE 217	Urban Dance: History and Social Context	3
PE 281	Modern Dance Theory and Practice	3
PH 254	Ecology and Photography: Sustainable New York (Interdisciplinary Course)	3
SC 254	Ecology and Photography: Sustainable New York (Interdisciplinary Course)	3

**G7 HUMANITIES** Students demonstrate knowledge of the conventions and methods of at least one of the humanities in addition to those encompassed by other knowledge areas within the General Education requirements.

EN 231	Short Fiction	3
EN 232	Perspectives on American Literature	3
EN 233	Poetry	3

EN 234	Gay and Lesbian Literature	3
EN 235	African-American Literature	3
EN 236	Major Writers of the Western World	3
EN 238	Comedy	3
EN 253	Dramatic Literature	3
EN 257	Major Movements in Chinese, Japanese, and Korean Film	3
EN 258	Introduction to Performance Studies	3
EN 271	Literature and History: The Development of American Culture to 1865	3
EN 272	Identity in America: History and Literature, 1865 to Present	3
EN 273	Literature of India	3
EN 275	Literature of the Sixties	3
EN 278	Science Fiction	3
EN 279	Women's Writing: 1900 - Present	3
EN 281	Chinese Cinema	3
EN 324	Writing on The Arts	3
EN 325	Playwriting	3
EN 331	Introduction to Shakespeare	3
EN 333	Modern Literature: The Spirit of the 20th Century	3
EN 334	The Novel	3
EN 335	Working Women in the United States: 1865 to Present	3
EN 336	From Gothic to Horror: Literature of Fear	3
EN 337	Poetry in a Global Society	3
EN 338	Introduction to Asian American History and Literature	3
EN 353	Theater of the Americas	3
EN 371	Chinese Odyssey: Introduction to Chinese Literature	3
EN 373	The Graphic Novel	3
EN 381	Asian Fiction: Regional Selections (Honors)	3
EN 382	Contemporary Chinese Cinema (Honors)	3
EN 391	The Creative Imagination: Theory and Process (Honors)	3
EN 392	Greek Myths and Their Transformations (Honors)	3
EN 393	Shakespeare (Honors)	3
EN 394	American Lives (Honors)	3
EN 395		
EN 396		
FI 111	Introduction to Film	3
FI 221	History of Film, beginnings to 1959	3
FI 222	History of Film, 1960-present	3
FI 223	Women Make Movies: A History of Women's Filmmaking (G7: Humanities)	3
FI 224	Avant-Garde Film	3
FI 225	Latin American Cinema and Resistance	3
FI 231	Documentary Film	3
FI 234	Film Genres: Horror	3
FI 241	History of Russian and Soviet Cinema	3
FI 243	Television Genres	3
FI 244	Major Movements in Chinese, Japanese and Korean Film	3
FI 245	Chinese Cinema	3
FI 246	Italian Cinema	3
FI 262	Costume and Fashion in Film	3
FI 272	Introduction to Television Studies	3
FI 273	The Other Hollywood: Film in New York	3
FI 321	Film Theory and Criticism, An Introduction	3
FI 322	Major Directors: Alfred Hitchcock	3

FI 324	The Romantic Comedy	3
FI 325	Great Directors: Akira Kurosawa	3
FI 331	Film Genres: Crime Stories	3
FI 335	Film Genres: Melodrama	3
FI 341	French Cinema	3
FI 342	Contemporary Korean Cinema	3
FI 343	Contemporary Chinese Cinema (Honors)	3
HA 111	History of Western Art and Civilization: Ancient Prehistory Through the Middle Ages	3
HA 112	History of Western Art and Civilization: Renaissance to the Modern Era	3
HA 121	Cities and Civilizations: The Eastern Mediterranean World, c. 3000 BCE-1000 CE	3
HA 212	Renaissance Art in Florence	3
HA 213	Rome: A Cultural History in Painting, Sculpture, and Architecture	3
HA 214	Art In New York	3
HA 215	History of Menswear	3
HA 216	American Indian Art and Civilization	3
HA 217	History of Avant-Garde Film	3
HA 218	Art and Myth in the Classical World	3
HA 219	African American Art	3
HA 221	East Asian Art and Civilization	3
HA 223	African Art and Civilization	3
HA 224	Pre-Columbian Art and Civilization	3
HA 225	Art and Civilization of India	3
HA 226	Art and Civilization of the Islamic World	3
HA 228	Oceanic Art and Civilization	3
HA 229	Korean Art and Civilization	3
HA 231	Modern Art	3
HA 232	Dada and Surrealism	3
HA 234	Warhol and Pop Art	3
HA 241	History of Photojournalism	3
HA 244	Art and Architecture in Paris	3
HA 251	Film Genres: Horror	3
HA 252	History of Russian and Soviet Film	3
HA 271	Japanese Art and Civilization	3
HA 311	Medieval Art	3
HA 312	Women in Western Art from the Late 18th Century to the Present	3
HA 314	History of American Art	3
HA 316	The Bauhaus	3
HA 317	Italian Renaissance Art & Civilization	3
HA 331	Contemporary Art and Culture: 1945 to the Present	3
HA 332	Modern Architecture	3
HA 333	Contemporary Photography and New Media	3
HA 342	History of Textile Design	3
HA 343	History of Photography	3
HA 344	History of Western Costume	3
HA 345	History of Industrial Design	3
HA 347	Costume and Fashion in Film	3
HA 348	History of the Modern Printed Image	3
HA 381	The Word and the Page: A History of Writing and Books (Honors)	3
HA 382	Beauty: The Human Ideal in Visual Culture - Honor's Program	3
HA 392	The Art of Venice: Titian to Tiepolo (Honors)	3
HA 395	Studies in American Indian Art and Culture (Honors)	3
HA 396	Art and Patronage in the Italian Renaissance (Honors)	3

HA 397	Studies in Maya Art and Culture (Honors)	3
HA 411	Western Theories of Art	3
HA 462	Art and Ethics	3
HI 392	(Honors) Religion and Religious Dissent in American History to the Civil War	3
HI 395	Big Ideas in History: Smith, Darwin, Marx, Freud	3
IT 241	Italian American Cultural Studies	3
IT 251	Italian Cinema	3
IT 341	Introduction to Italian Literature	3
IT 342	Writing Women of the Italian Renaissance	3
IT 345	Food for Thought: Gastronomy in Italian Literature and Culture	3
MC 331	Film Genres: Melodrama	3
PL 141	Introduction to Western Philosophy	3
PL 143	Introduction to Asian Philosophies	3
PL 211	Informal Logic: A Guide to Clear Thinking	3
PL 321	Philosophy of Art	3
PL 391	Ancient Greek Philosophy (Honors)	3
PL 392	The Old and New Testaments in the History of Ideas--Honors	3
PL 431	Philosophy: Ethics	3
SP 251	Latin American Fiction: 1960-Present	3
SP 261	Latin American Cinema and Resistance	3
SP 262	Revolution as Spectacle: Mexico	3
SP 351	From Modern to Contemporary Latin American Women Writers	3
SS 397	Religion and Global Politics (Honors Course)	3

**G8 FOREIGN LANGUAGE** Students demonstrate a basic proficiency in the understanding and use of a foreign language and knowledge of the distinctive features of the culture(s) associated with the language they are studying.

CH 111	Chinese I	3
CH 112	Chinese II	3
CH 122	Chinese Conversation I	3
CH 213	Chinese III	3
CH 214	Chinese IV	3
FR 111	French I	3
FR 112	French II	3
FR 122	French Conversation I	3
FR 213	French III	3
FR 214	French IV	3
FR 315	Introduction to French Literature	3
IT 111	Italian I	3
IT 112	Italian II	3
IT 122	Italian Conversation I	3
IT 132	Italian in Florence	3
IT 213	Italian III	3
IT 214	Italian IV	3
IT 223	Italian Conversation II	3
IT 311	Italian for Business	3
IT 312	Italian Fashion Culture	3
IT 341	Introduction to Italian Literature	3
IT 342	Writing Women of the Italian Renaissance	3
JA 111	Japanese I	3
JA 112	Japanese II	3
JA 122	Japanese Conversation I	3

JA 213	Japanese III	3
JA 214	Japanese IV	3
JA 223	Japanese Conversation II	3
SP 111	Spanish I	3
SP 112	Spanish II	3
SP 122	Spanish Conversation I	3
SP 132	Spanish in Santiago de Compostela	3
SP 141	Spanish for Spanish Speakers I	3
SP 142	Spanish for Spanish Speakers II	3
SP 213	Spanish III	3
SP 214	Spanish IV	3
SP 223	Spanish Conversation II	3
SP 311	Spanish for Business (formerly SP 215)	3
SP 351	From Modern to Contemporary Latin American Women Writers	3

**G9 OTHER WORLD CIVILIZATIONS (NON-WESTERN CIVILIZATIONS)** Students demonstrate knowledge of either a broad outline of world history or the distinctive features of the history, institutions, economy, society, and culture of one non-Western civilization. Courses in this area have to be non-Eurocentric and non-U.S. in focus. In addition to courses on the civilizations of Asia or Africa, this would, for example, allow courses on the civilizations of indigenous peoples of the Americas.

EN 257	Major Movements in Chinese, Japanese, and Korean Film	3
EN 273	Literature of India	3
EN 281	Chinese Cinema	3
EN 353	Theater of the Americas	3
EN 371	Chinese Odyssey: Introduction to Chinese Literature	3
EN 381	Asian Fiction: Regional Selections (Honors)	3
EN 382	Contemporary Chinese Cinema (Honors)	3
FI 242	Ethnographic Film	3
FI 244	Major Movements in Chinese, Japanese and Korean Film	3
FI 245	Chinese Cinema	3
FI 342	Contemporary Korean Cinema	3
FI 343	Contemporary Chinese Cinema (Honors)	3
HA 121	Cities and Civilizations: The Eastern Mediterranean World, c. 3000 BCE-1000 CE	3
HA 216	American Indian Art and Civilization	3
HA 221	East Asian Art and Civilization	3
HA 223	African Art and Civilization	3
HA 224	Pre-Columbian Art and Civilization	3
HA 225	Art and Civilization of India	3
HA 226	Art and Civilization of the Islamic World	3
HA 227	Archaeological Excavation in Israel (Summer)	3
HA 228	Oceanic Art and Civilization	3
HA 229	Korean Art and Civilization	3
HA 271	Japanese Art and Civilization	3
HA 315	Ethnographic Film	3
HA 383	Art of the Silk Road: Cross-Cultural Encounters- Honors	3
HA 395	Studies in American Indian Art and Culture (Honors)	3
HA 397	Studies in Maya Art and Culture (Honors)	3
HA 398	Architecture and Faith: Ancient and Islamic Cities (Honors)	3
HI 106	Pasts in the Present: Modern Chinese History since 1800	3
PL 143	Introduction to Asian Philosophies	3
SS 151	Introduction to World Affairs	3



SS 277	Cultural Expressions of Non-Western Dress and Fashion	3
SS 353	Latin America Today	3
SS 354	Comparative Political Systems	3
SS 355	Contemporary African Politics	3
SS 356	Asia in Motion: National, International, and Transnational Relations	3
SS 374	Cross-Cultural Studies	3
SS 378	Asian Global Popular Culture	3
SS 386	Youth Subculture, Identity, and Fashion: A Sociological Perspective	3
SS 393	Politics in the Middle East (Honors)	3
SS 395	International Conflict in the 21st Century (Honors)	3
SS 446	Economies of Latin America	3

**G10 AMERICAN HISTORY** Students demonstrate knowledge of a basic narrative of American history: political, economic, social, and cultural, including knowledge of unity and diversity in American society; knowledge of common institutions in American society and how they have affected different groups; and understanding of America's evolving relationship with the rest of the world.

EN 271	Literature and History: The Development of American Culture to 1865	3
EN 272	Identity in America: History and Literature, 1865 to Present	3
EN 274	Voices of Civil Rights in American History	3
EN 335	Working Women in the United States: 1865 to Present	3
EN 338	Introduction to Asian American History and Literature	3
HA 219	African American Art	3
HA 314	History of American Art	3
HI 202	U.S. History: Civil War- Present	3
HI 203	Distant Neighbors: A History of Latin America and the U.S.	3
HI 204	Leisure in America	3
HI 207	Hollywood: A History	3
HI 391	U.S. History and Culture: 1860 to Present	3
HI 392	(Honors) Religion and Religious Dissent in American History to the Civil War	3
HI 393	New York City and the Invention of America	3
HI 394	Rebellion and Resistance in America	3

### Competencies

In addition to the areas described above, SUNY requires the General Education competencies of critical thinking and information management. Both are covered in courses throughout the FIT curriculum.

**CRITICAL THINKING** Students identify, analyze, and evaluate arguments as they occur in their own or others' work, and develop well-reasoned arguments.

**INFORMATION MANAGEMENT** Students perform the basic operations of personal computer use, understand and use basic research techniques, and locate, evaluate, and synthesize information from a variety of sources.