

James Madison University



INTERDISCIPLINARY LIBERAL STUDIES (IDLS) MAJOR Checklist 2008-2009

The IDLS major serves four teacher education professional programs: Early Childhood (Pre-K-3), Elementary (Pre-K-6), Middle Grades (6-8), and Special Education (K-12). There are different editions of the IDLS major for these licensure programs, as follows:

IDLS for Early Childhood (Pre-K-3) and Elementary (PreK-6). For ECE and ELED students the IDLS major consists of an enlarged General Education CORE. These lower division CORE courses are followed by upper division course work in one of two concentration areas: Math/Science/Technology or Humanities/Social Sciences.

IDLS for Special Education (K-12). SPED students take the same General Education CORE as ECE and ELED students. These CORE courses are followed by upper division course work in one of two concentration areas: Math/Science/Technology or Humanities/Social Sciences. SPED students selecting the Humanities/Social Sciences as their concentration may elect to fulfill the concentration by completing any track in the Hum/SS area. Track 7, however, was designed for SPED students and only SPED students may select this track.

IDLS for Middle Grades (6-8). Middle Grades students follow the normal General Education requirements, although there are several “must-take” courses specified for this group. As they are completing General Education, Middle Grades students select two of four concentrations for their IDLS major: Science, Mathematics, Social Science or Language Arts. Any combination of two concentrations is acceptable for Middle Grades licensure.

IDLS majors will be assigned two advisors: an IDLS advisor based upon which concentration is selected, and an education advisor based upon which professional program is selected. The IDLS advisor will assist the student in course selection and provide updates on special topics courses or substitutions in the IDLS major. The schedule for completing the IDLS major will vary depending upon the professional program selected. Therefore, students are strongly urged to keep in touch with both advisors in order to guarantee timely completion of the IDLS major and the education minor.

Questions about the IDLS major can be addressed to either
Dr. Fletcher Linder, Director of Interdisciplinary Liberal Studies (lindergf) **or**
Dr. Matthew Chamberlin, IDLS Advisor (chambema)

Questions about the Education Professional Programs may be addressed to
Dr. Martha Ross, Head, Department of Early, Elementary, and Reading Education (rossmk) **or**
Dr Steve Purcell, Head, Department of Middle, Secondary and Math Education (purcellsl) **or**
Dr. Laura Desportes, Department Head, of Exceptional Education (desporlx)

IDLS CORE for ECED, ELED and SPED.

*****No course substitutions allowed in the Core*****

Courses taken as part of the IDLS Core may not be double counted in the Concentration areas.

English & Language Arts

- _____ Written Communication GWTC 103 [3 cr.] (or equivalent)
- _____ Oral Communication GCOM 121, 122, or 123 [3 cr.]
- _____ Literature: *Choose one of the following courses:*
 - _____ British GENG 235 [3 cr.] or 236 [3 cr.]
 - _____ American GENG 247 [3 cr.] or 248 [3 cr.]
 - _____ World GENG 239 [3 cr.]
 - _____ Ethnic/Minority GENG 260 [3 cr.]

History & Social Sciences

- _____ World History GHIST 101 [3 cr.]
 - _____ World History GHIST 102 [3 cr.]
 - _____ US History GHIST 225 [4 cr.]
 - _____ Civics GPOSC 225 [4 cr.]
 - _____ Social, Cultural, Indiv. Processes GPSYC 160 [3 cr.]
 - _____ Social, Cultural, Indiv. Processes GKIN 100 [3 cr.] or GHTH 100 [3 cr.]
 - _____ Economics* GECON 200 [3 cr.] or ECON 201 [3 cr.]
 - _____ Geography* GANTH 195 [3 cr.] or GEOG 280 [3 cr.]
- *NOTE: across the two categories designated with an *, take at least one General Education course (i.e., GECON 200 or GANTH 195)**

Mathematics

- _____ MATH 107 [3 cr.] Fundamentals I
- _____ MATH 108 [3 cr.] Fundamental II
- _____ MATH 207 [3 cr.] Mathematical Problem Solving

Natural Sciences

Select **either** from Track I or Track II.

From Gen Ed Track I

- _____ GSCI 101 [3 cr.] Physics, Chemistry, & the Human Experience
- _____ GGEOL 102 [3 cr.] Environment: Earth (formerly GSCI 102)
- _____ GBIO 103 [3 cr.] Contemporary Biology (formerly GSCI 103)
- _____ GSCI 104 [1 cr.] Lab: Scientific Perspectives

OR

From Gen Ed Track II

- _____ GSCI 161 [1 cr] Science Processes
- _____ GSCI 162 [2 cr] The Science of the Planets

- _____ GSCI 163 [1 cr] The Matter of Matter
- _____ GSCI 164 [2 cr] Physical Science: Learning Through Teaching

- _____ GSCI 165 [1 cr] The Way Life Works
- _____ GSCI 166 [2 cr] Environment in Context

Remaining General Education requirements:

- _____ Critical Thinking (Cluster 1, 3 hours)
- _____ Fine Arts (Cluster 2, Tier 2, 3 hours).

IDLS for ECED, ELED and SPED
Mathematics/Science/Technology Concentration

Each student should complete at least 21 hours in the Science, Technology and Mathematics concentration with either a combination of 4 mathematics courses and 3 science courses or 3 mathematics courses and 4 science courses. The advisor representing the academic concentration will work with students to select courses in each of the areas. The courses for the sequence are as follows.

Concentration Area Worksheet

Sciences (select any three-four courses; 9-12 hours):

- BIO 353 Basic Ecology
- BIO 364 Human Uses of Plants
- BIO 366 Plants and the Environment
- GEOG 415 Climatology
- GEOL 211 Introduction to Oceanography
- GEOL 301 Earth Science for Teachers
- GEOL 320 Meteorology
- ISAT 454 Computer Applications in Biotechnology
- PHYS 215 Energy and the Environment
- PHYS 301 Searching for Life in the Universe

Mathematics (select any three-four courses; 9-12 hours):

- MATH 304 Principles of Algebra
- MATH 305 Principles of Geometry
- MATH 306 Principles of Analysis
- MATH 307 Principles of Probability and Statistics

IDLS for ECED, ELED and SPED
Humanities and Social Sciences Concentration

In this concentration, the student selects a track and takes six courses in that track. The concentration is completed with the IDLS 400, for a total of 7 courses (21 hours).

Note the following requirements governing this concentration:

- Courses chosen within a track must be taken in at least four different departments.
- Only one 200-level course may count toward your chosen track.
- History prerequisites for 400-level History courses (HIST 395 or permission of the instructor) are waived for students selecting 400-level History courses listed within the tracks.
- All students in this concentration must take IDLS 400. IDLS 400 may not be taken until the senior year.
- Track 7 is for Special Education students only. Students in the other licensure programs may not enroll in Track 7 courses and expect to receive a substitution.

The tracks are:

- Track 1: Citizenship and Public Policy
- Track 2: Race, Ethnicity, Gender, and Class
- Track 3: Culture in Geographic Context: The Americas
- Track 4: Culture in Geographic Context: Europe
- Track 5: Culture in Geographic Context: Africa, Asia, and the Middle East
- Track 6: Ethics, Values, and Spirituality.
- Track 7: IDLS/SPED. **(Restricted to students enrolled in the SPED licensure minor.)**

From the list just above, my track is number _____.

The six courses I have taken from my track are:

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

____ **IDLS 400** (May not be taken until the senior year.)

Humanities and Social Sciences Tracks

(Prerequisites are listed in brackets):

Track I: Citizenship and Public Policy

This track is designed to allow students to think and study about law, politics and other aspects of human life that are played out in the public arena. The impact of such institutions on human beings and their social and physical environments, the ways in which these institutions are built, structured, and changed can be considered in the context of courses in this area.

ANTH/SOC 313 Processes of Social and Cultural Change	PHIL 262 Problems in Applied Ethics	SOCI 313 Processes of Social and Cultural Change
ANTH/SOC 352 Birth, Death and Sex: Exploring Demography	PHIL 325 Crime, Punishment and Justice	SOCI 315 Science, Technology and Society
ANTH 355 Culture and Ecology	PHIL 335 The Individual, the State and Justice [GPHIL 101 or permission]	SOCI 321 Politics in Society
ANTH 373 Anthropological Perspectives on Environment and Development [GARTH 295 or permission]	PHIL 445 Advanced Political Philosophy [GPHIL 101, PHIL 335 or permission]	SOCI 325 Criminology
ECON 305 Environmental Economics [3 hrs in ECON]	POSC 302 State and Local Government	SOCI 327 Juvenile Delinquency
ECON 306 Economics Of Women And Family [ECON 201]	POSC 325 Constitutional Law	SOCI 334 Socialization & Society
ECON 326 Public Finance [GECON 201; ECON 201]	POSC 326 Civil Rights [GPOS 225]	SOCI 341 Sociology of Education
GEOG 475 Political Geography	POSC 330 American Political Thought	SOCI 354 Social and Cultural Stratification
HIST 310 American Business History	POSC 351 Contemporary Problems in American Gov.	SOCI 360 Social Movements
HIST 327 Technology in America	POSC 358 Public Policy	SOCI 369 Law and Society
HIST 350 Virginia	POSC 368 Interest Groups and Public Policy [GPOSC 225]	WRIT 310 Studies in Literacy
HIST 356 African American History Since 1865	POSC 369 Political Parties and Elections [GPOSC 225]	WRIT 320 Writing in the Public Sphere
	POSC 383 Women in Politics	WRIT 322 Making a Difference, Service Learning Writing
	REL 450 Religion and Society	WRIT 330 Technology and Writing
		WRIT 340 Teaching Writing

Track 2: Race, Ethnicity, Gender, and Class

This track is designed to allow students to think and study about the many ways in which social identity affects the lives of human beings, influencing the ways in which we see the world (and ways in which the world sees us), and the nature of our experiences in the world.

ANTH 366 Anthropology of War	HIST 274 Modern Asia	SCOM 348 Communication and Gender [any 100-level SCOM course or permission]
ANTH 340 Race, Nation and Culture	HIST 320 Women in U.S. History	SOCI 336 Race and Ethnic Relations
ANTH 370 Topics in the Anthropology of Gender	HIST 321 European Women's History	SOCI 337 Sociology of Gender
ANTH/SOCI 368 Contemporary American Culture	HIST 326 The Automobile in 20th Century America	SOCI 339 Sociology of Women
ARTH 210 African Art and Culture in the Humanities	HIST 355 Afro- American History to 1865, or	SOCI 354 Social and Cultural Stratification
ECON 306 Economics of Women and Family [ECON 201]	HIST 356 Afro- American History since 1865	SOCI 362 Hip Hop Culture & Critical Social Analysis
ENG 361 African-American Fiction Writers	HIST 428 American Workers in the Industrial Age, 1877-1948	SOCI 367 Sociology of Sexuality
ENG 362 African-American Poets	HIST 453 Patterns of Global History	SOCI/ANTH 368 Contemporary American Culture
ENG 367 Women's Poetry	HIST 461 Seminar in Marxist-Leninist in Global Affairs	WMST 200 Introduction to Women's Studies
ENG 368 Women's Fiction	MUS 356 History of Jazz in America	WRIT 310 Studies in Literacy
ENG 370 Exploring Gay and Lesbian Literature	POSC 383 Women in Politics	WRIT 320 Writing in the Public Sphere
ENG 431 Studies in Caribbean Literature	REL 315 Women and Religion	WRIT 322 Making a Difference, Service Learning Writing
HIST 263 Africa	REL 330 African and African American Religion	WRIT 340 Teaching Writing
HIST 267, 268 Latin America	REL 360 History of World Religious Thought	WRIT 410 Studies in Cultural Rhetoric
HIST 270 Middle East	REL 380 Contemporary Theologies	
HIST 273, Asia to 1600	SCOM 347 Communication, Diversity and Popular Culture	

Track 3: Culture in Geographic Context: The Americas

The track in geographic regions offers an opportunity to study the interaction among regional cultures, social systems, and human creativity. Students selecting this track will enjoy a deeper, broader understanding of the Americas both as a unique cultural and geographic region, and its interrelationship with other areas of the world.

ANTH 265 Peoples and Cultures of Latin America	ENG 356 Modern American Novel	1961
ANTH 310 Prehistoric and Pioneer Virginia	ENG 357 Contemporary American Fiction	HIST 445 Latin America and the US
ANTH 312 The Native Americans	ENG 361 African-American Fiction Writers	HIST 446 México, Central America and the Caribbean
ANTH 325 Aztec, Maya & their Predecessors	ENG 362 African-American Poets	
ANTH 327 Ancient North American Civilizations	ENG 431 Studies in Caribbean Literature	HIST 447 South America
ANTH 364 US/Latin American Borders	GEOG 336 Geography of North America, or GEOG 380A Regional Geography Studies-US/Canada	PHIL 370 American Philosophy
ANTH/SOCI 368 Contemporary American Culture	GEOG 337 Geography of Latin America, or GEOG 380B Regional Geography Studies-Latin America	POSC 350 Latin American Politics
ANTH 382 Cultures of Appalachia	HIST 320 Women in US History	GMUS 203 Music in America
ANTH/ARTH/HIST 492 American Material Culture [permission]	HIST 322 The New South	MUS 356 History of Jazz in America
ARTH 480 American Art to 1870 [GARTH 206]	HIST 323 The Old South	SCOM 346 Free Speech in America
ARTH 482 American Art from 1870 [GARTH 206]	HIST 330 US Diplomatic History	SOCI 358 Sociology of Consumption
ARTH 484 Art of the Americas	HIST 350 Virginia	SOCI 362 Hip Hop Culture and Critical Social Analysis
ENG331 Modern Poetry	HIST 355 African American history to 1865	SOCI/ANTH 368 Contemporary American Culture
ENG 332 Contemporary Poetry	HIST 356 African American History since 1865	THEA 485 American Theatre
ENG 343 Writers of the American Renaissance	HIST 433 Reform, Upheaval and Reaction: US History Since	WRIT 320 Writing in the Public Sphere
ENG 444 American Realism & Naturalism		WRIT 322 Making a Difference, Service Learning Writing
		WRIT 410 Studies in Cultural Rhetoric

Track 4: Culture in Geographic Context: Europe

The track in geographic regions offers an opportunity to study the interaction among regional cultures, social systems, and human creativity. Students selecting this track will enjoy a deeper, broader understanding of Europe both as a unique cultural and geographic region, and its interrelationship with other areas of the world.

ANTH 366 Anthropology of War	ENG 437/ITAL 437 Studies in Italian Literature	HIST 464 Renaissance and Reformation
ARTH 420 Ancient Art [GARTH 205 or permission]	ENG 438/RUS 438 Studies in Russian Literature	HIST 476 Ancient History
ARTH 440 Early Medieval Art [GARTH 205 or permission]	ENG 456 Shakespeare's Comedies and Tragic Histories	HIST 477 Medieval Europe
ARTH 442 Art of the Later Middle Ages [GARTH 205]	ENG 457 Shakespeare's Tragedies and Comic Histories	HIST 481 Early Modern Europe
ARTH 446 Italian Renaissance [GARTH 206]	GEOG 346 Geography of Europe, or GEOG 380E Regional Geography Studies-Europe	HIST 483 Baroque and Revolutionary Europe
ARTH 450 Baroque Art [GARTH 206]	GEOG 380F Regional Geography Studies-Russia/Central Asia	HIST 484 19th-Century European Civilization, 1815- 1914
ARTH 452 Eighteenth Century Art [GARTH 206]	HIST 201 Europe to 1789	HIST 486 Europe since 1914
ARTH 460 Nineteenth Century Art [GARTH 206]	HIST 202 Europe 1789 to the Present	PHIL 340 Ancient Greek Philosophy [GPHIL 101 or permission]
DANC 248 History of Dance--Renaissance through the Twentieth Century	HIST 301 European Military History	PHIL 341 Modern Philosophy
ENG 311 Medieval Literature and Culture	HIST 321 European Women's History	PHIL 344 Existentialism [GPHIL 101 or permission]
ENG 312 Special Topics in Medieval Literature	HIST 328 History of Science, 1543-1859	PHIL 375 19th Century Philosophy and Theology [GPHIL 101 or permission]
ENG 329 Victorian Literature	HIST 329 History of Science Since 1859	POSC 345 European Government
ENG 330 The 19 th -Century English Novel	HIST 384 England and the Empire	REL 360 History of Western Religious Thought
ENG 340 Modern British Novel	HIST 386 Russia since 1855	THEA 315 The European Theatre Tradition to 1800
ENG 341 Contemporary British Novel	HIST 388 Germany since 1871	THEA 316 The European Theatre Tradition from 1800
ENG 374 Introduction to Anglo-Irish Literature	HIST 390 France since 1789	WRIT 322 Making a Difference, Service Learning Writing
ENG 375 Studies in Anglo-Irish Literature	HIST 456 The Global Economy and Nationalism [GHIST 102; HIST 395 or permission]	
ENG 435/FR 435 Studies in French Literature	HIST 462 Rise and Fall of Nazi Germany	
ENG 436/GER 436 Studies in German Literature		

Track 5: Culture in Geographic Context: Africa, Asia, and the Middle East

The track in geographic regions offers an opportunity to study the interaction among regional cultures, social systems, and human creativity. Students selecting this track will enjoy a deeper, broader understanding of Africa, Asia, and the Middle East both as unique cultural and geographic regions, and their interrelationship with other areas of the world.

ANTH 280 Peoples and Cultures of Sub-Saharan Africa	Sub-Saharan Africa	HIST 473 The Islamic World
ANTH 366 Anthropology of War	GEOG 349 The Geography of East Asia, or GEOG 380G Regional Geography Studies-East Asia	HIST 480 Modern China
ANTH 380 Chinese Society and Culture	GEOG 380F Regional Geography Studies-Russia/Central Asia	HIST 485 Colonialism in the Greater Middle East
ARTH 210 African Art and Culture in the Humanities	GEOG 380H Regional Geography Studies-South Asia	PHIL/REL 385 Buddhist Thought
ARTH 410 African Art: The Sahara and Northern Sahel [GARTH 205, 206 or permission of instructor]	GEOG 380I Regional Geography Studies-Southeast Asia	POSC 340 Political Development in the Third World
ARTH 412 African Art: Sub-Saharan [GARTH 205, 206 or permission]	HIST 263 Africa	POSC 353 African Politics
ARTH 424 Arts of Ancient Egypt [GARTH 205 or 206]	HIST 270 Modern Middle East	POSC 355 East Asian Politics
ARTH 430 Far Eastern Art [GARTH 205 or 206]	HIST 273 Asia to 1600	POSC 383 African Politics
ENG 361 African-American Fiction Writers	HIST 274 Modern Asia	REL 201 Introduction to the Hebrew Bible
ENG 362 African-American Poets	HIST 371 India	REL 202 Introduction to the New Testament
GENG 239 Survey of World Literature	HIST 375 History of Modern Southeast Asia	REL 305 Islamic Religious Tradition
GEOG 335 The Geography of Africa, or GEOG 380C Regional Geography Studies-Middle East/North Africa, or GEOG 380D Regional Geography Studies-	HIST 456 The Global Economy and Nationalism [GHIST 102; HIST 395 or permission]	REL 310 Hindu Traditions
	HIST 460 Modern Japan	REL 312 Religions of East Asia
	HIST 470 Modern Africa	REL 330 African and African-American Religion
		SOCI 348 Introduction to Developing Societies
		WRIT 322 Making a Difference, Service Learning Writing

Track 6: Ethics, Values, and Spirituality

Teachers not only present knowledge, they embody and nurture values and character. This track is for the student who wishes to deepen his or her understanding of the religious, philosophical, and political values that animate human cultures and individual character.

ANTH 350 Magic, Witchcraft and Religion	PHIL 262 Problems in Applied Ethics	REL 312 Religions of East Asia
ANTH 366 Anthropology of War	PHIL 330 Moral Theory	REL 315 Women and Religion
ARTH 420 Ancient Art	PHIL 335: The Individual, the State and Justice [GPHIL 101 or permission]	REL 320 Judaism
ARTH 442 Art of the Later Middle Ages	PHIL 340 Ancient Greek Philosophy	REL 330 African and African-American Religion
ENG 304 Modern Literature and Religion	PHIL 344 Existentialism [GPHIL 101 or permission]	REL 360 History of Western Religious Thought
ENG 305 Mythology	PHIL/REL 218 The Philosophy of Religion	REL 370 Mysticism
ENG 306 The Bible as Literature	POSC 316 Contemporary Political Theory	REL 380 Contemporary Theologies
ENG 311 Medieval Literature and Culture	REL 201 Introduction to the Hebrew Bible	REL/PHIL 385 Buddhist Thought
ENG 312 Special Topics in Medieval Literature	REL 202 Introduction to the New Testament	REL/SOC 322 Sociology of Religion
HIST 455 World Political and Social Thought to Early Modern Times	REL 240 Jesus and the Moral Life	SOCI 303 Sociology of Death & Dying
HIST 464 Renaissance and Reformation	REL 305 Islamic Religious Tradition	WRIT 320 Writing in the Public Sphere
HIST 472 Greece and Rome	REL 325 Catholicism in the Modern World	WRIT 322 Making a Difference, Service Learning Writing
HIST 473 Islamic World	REL 270 Religious Ethics	WRIT 410 Studies in Cultural Rhetoric
HIST 483 Baroque and Revolutionary Europe	REL 310 Hindu Traditions	

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Track 7. IDLS Special Education.

SPED students are expected to be knowledgeable, creative and articulate with complex audiences. This concentration emphasizes liberal arts knowledge as it informs communication in family, community, and institutional settings. For purposes of disciplinary distribution, **FAM and SWRK are counted as the same discipline. No more than 2 PSYC courses may be used for track credit.

ANTH 265 Peoples and Cultures of Latin America	PSYC 180 Introduction to Behavior AnalysisHH	FAM 335 Parents Throughout the Life Cycle [FAM 133 or SOCI 276]
ANTH 340 Race, Nation and Culture	PSYC 390 Psychology of LearningHH	FAM 487 Special Topics in Family Studies [FAM 133, SOCI 276] (IDLS approved topics)
ANTH 370 Topics in the Anthropology of Gender	PSYC 250 Introduction to Abnormal Psychology [GPSYC 101 or GPSYC 160]	FAM/SOWK 386 Youth Empowerment Strategies
ANTH 364 US/Latin American Borders [1 Latin Am. course]	REL 330 African and African American Religion	**SOWK 317Skills for Generalist Skills for Social Work
ANTH/SOCI 368 Contemporary American Culture	REL 315 Women and Religion	SOWK 332 Community Mental Health Practice
ENG 305 Mythology	REL 360 History of World Religious Thought	SOWK 338 Issues and Policies in Family Services
ENG 306 The Bible as Literature	SCOM 248 Intercultural Communication	SOWK340 Violence in Families
ENG 361 African-American Fiction	SCOM347 Communication, Diversity and Pop Culture[Gcom121]	SOWK 342 Child Welfare Services
ENG 362 African-American Poets	SCOM 348 Communication and Gender [Any 100 level com class or instructor permission]	SOWK/FAM 386 Acting Outreach
ENG 367 Women's Poetry	SOCI 311 Sociology of Environment	SOWK 387 Working with Teenagers
ENG 368 Women's Fiction	SOCI 315 Science, Technology and Society	SOWK 487 Special Topics in Social Work (IDLS approved topics)
ENG 370 Gay and Lesbian Literature	SOCI/REL 322 Sociology of Religion	THEA 310 Theatre for Young Audiences+
ENG 456 Shakespeare's Comedies and Tragic Histories	SOCI 327 Juvenile Delinquency	WRIT 310 Studies in Literacy
ENG 457 Shakespeare's Tragedies and Comic Histories	SOCI 336 Race and Ethnic Relations	WRIT 322 Making a Difference, Service Learning Writing
HTH 372 Human Sexuality	SOCI 337 Sociology of Gender	WRIT 340 Teaching Writing [GWRTC 103 or equivalent]
HTH 378 The Use and Effects of Drugs	SOCI 339 Sociology of Women	WRIT 410 Studies in Cultural Rhetoric [WRIT 210, WRIT 220]
HIST 355 African American History to 1865	SOCI 354 Social and Cultural Stratification	
HIST 356 African American History since 1856	SOCI 367 Sociology of Sexuality	
HIST 320 Women in US History	SOCI/ANTH 368 Contemporary American Culture	
HIST 321 European Women's History	**FAM 300 Child Development [GPSYC 101 or GPSYC 160 or equivalent]	
HIST 379 Family and Gender in East Asia	FAM 330 Family Relations	
HIST 445 Latin America and the US		

HH PSYC 180 cannot be used as a track course, but SPED IDLS majors must take PSYC 180 if they wish to take PSYC 390 for track credit.

+*This course is about using adults in production, not child actors*

IDLS GENERAL EDUCATION for MIDDLE EDUCATION
(46 Hours Required)

Cluster 1. Skills

- _____ Critical Thinking
GBUS, GHIST 150, GISAT 160, GMAD 150 or GPHIL 120
- _____ Communication
GCOM 121, 122 or 123
- _____ GWRTC 103

Cluster 2. Arts & Humanities

- _____ GHIST 102 (required by IDLS)
- _____ GENG 236, 235, 247, 248, 239 or 260.
- _____ GART 200, GARTH 205, GARTH 206, GMUS 200, GMUS 203,
GMUS 206 or GTHEA 210

Cluster 3. Natural World

MG students must take Track II as well as two additional courses, Math 108 and GSCI 166.

- _____ MATH 107 (must be taken prior to GSCI 163) Fundamentals of Mathematics I
- _____ MATH 108 (required by IDLS) Fundamentals of Mathematics II

- _____ Science Processes GSCI 161 [1 cr] (taken concurrently with GSCI 162)
- _____ The Science of the Planets GSCI 162 [2 cr] (taken concurrently with GSCI 161)

- _____ The Matter of Matter GSCI 163 [1 cr] (taken concurrently with GSCI 164)
- _____ How Things Work GSCI 164 [2 cr] (taken concurrently with GSCI 163)

- _____ The Way Life Works GSCI 165 [1 cr] (taken concurrently with GSCI 166)
- _____ Environment in Context GSCI 166 [2 cr] (taken concurrently with GSCI 165)
(required by IDLS)

Cluster 4. Social and Cultural Processes

- _____ The American Experience:
GHIST 225 **OR** GPOSC 225
- _____ Global Experience:
GECON 200 (required by IDLS)

Cluster 5. Individuals in Community

- _____ Wellness
GHTH 100, GKIN 100 or GEIC 101.
- _____ SocioCultural Dimension.
GPSYC 160

MIDDLE EDUCATION IDLS MAJOR

Students select any two of the following areas:

Total Major Hours: 36-42 hours

Middle Grades Science: 18 hours

_____	GEOL 301, Earth Science for Teachers	4
_____	BIO 366, Plants & Environment	4
_____	Chemistry 280, Practical Applications in Chemistry for Teachers	4
_____	Physics 301, Searching for Life	3
_____	ISAT 454, Computer Applications in Biotechnology	3

Middle Grades Social Science: 21 hours

_____	Virginia History: HIST 350	3
_____	Modern American Culture: ANTH 368	3
_____	Geography: GEOG 280	3
_____	Global Perspectives: ANTH 327 or HIST 453	3
_____	Religion: HIST 339, REL 305, 310, 312, 320 & 385	3
_____	Politics: POSC 240	3
_____	Hum/SS Senior Seminar: IDLS 400	3

Middle Grades Mathematics: 18 hours

_____	MATH 207, Mathematical Problem Solving	3
_____	MATH 304, Principles of Algebra	3
_____	MATH 305, Principles of Geometry	3
_____	MATH 306, Principles of Analysis	3
_____	MATH 307, Principles of Probability and Statistics	3
_____	Mathematics Electives: See below	3
	MATH 135, 235, 245, or 300	
	<i>(245 & 300 can only be taken with permission of the instructor)</i>	

Middle Grades Language Arts: 21 hours

_____	Grammar: ENG 421 or ENG 422	3
_____	Poetry: ENG 325, 331, 332, 362, or 367	3
_____	Writing: WRIT 340, ENG 299, or ENG 396.	3
_____	Teaching lit: Recommended: ENG 440 or 441	3
	or any 300 - 400 English elective	
_____	Shakespeare: ENG 456 or 457	3
_____	Fiction: ENG 330, 355, 356, 357, 361, or 368	3
_____	Hum/SS Senior Seminar: IDLS 400	3

General Education Requirements: 46 hours
Major Requirements: 36-42 hours
MS Minor Requirements: 32 hours

Total B.S. Requirements: 114-123 hours

Students electing Social Science & Language Arts as their areas take the IDLS 400 once and then an upper level elective in either area.