

## REQUIREMENTS FOR MAJORS, MINORS AND CERTIFICATES OFFERED AT DICKINSON: 2023/24

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Africana Studies	11	AFST 100, 200, 300	3	8	4 AFST approved crs, 2 in Africa & 2 in Diaspora; 3 crs in concentration; one elective w/focus relevant to AFST; experiential learning component
American Studies	13	AMST 201, 202, 303, 401, 402; one 200- or 300-level AMST topics course	6	7	Additional 7: structures and institutions – 2 crses from 2 different depts.; representation – 1 crs; HIST - 117 or 118 and 1 add'l US HIST crs (or comp hist crs approved by AMST advisor); Lit. – 2 Am. Lit. crs (or comp lit approved by AMST advisor), 1 at or above 200-level
Anthropology	11	ANTH 100, 101, 110; 220,225,240,241, OR 290; 3 300-level electives; 400 (see notes)	11		Students choose six additional anthropology courses: three elective courses must be taken at the 300-level, from <u>at least two</u> subdisciplines (cultural anthropology, biological anthropology, and archaeology), and one must be designated WiD. A maximum of two of these six electives may be taken with the designation of “Anthropology in Other Fields” (ANTH 205); students may petition the department to accept one non-cross-listed course in lieu of an “Anthropology in Other Fields” course.
Arabic (minor)					SEE: <a href="http://www.dickinson.edu/homepage/394/arabic_curriculum">http://www.dickinson.edu/homepage/394/arabic_curriculum</a>
Archaeology	12 + field experience	6 in Methodological Core; 6 electives in Area A or Area B	total will vary depending upon crses selected in Area A or Area B	total will vary depending upon crses selected in Area A or Area B	Major is divided into 3 categories: <b>Methodological Core</b> (6 courses); <b>Specialization/Concentration</b> (6 courses) - Area A: Mediterranean Archaeology and Art; Area B: Archaeology, Anthropology and the Environment; <b>Field Experience</b> (summer excavation fieldwork OR museum/lab internship). For details SEE: <a href="http://www.dickinson.edu/homepage/395/archaeology_curriculum">http://www.dickinson.edu/homepage/395/archaeology_curriculum</a>
Art & Art History	12 (2 options: Art History or Studio Art)	Each option lists specific courses to be taken in ARTH  (SEE: <i>Bulletin</i> )	11-12		<b>Art History majors</b> are encouraged to consider internships or ind. study as well as student/faculty collaborative research directed to future interests in discipline; take GRMN, FREN, ITAL, CHIN or JPNS if considering graduate work in art history. <b>Studio art majors</b> are required to make public presentation on thesis work in final semester; encouraged to take more than required studio and art history courses. ALSO SEE: <a href="http://www.dickinson.edu/homepage/396/art_and_art_history_curriculum">http://www.dickinson.edu/homepage/396/art_and_art_history_curriculum</a>
Astronomy (minor)					SEE: <a href="http://www.dickinson.edu/homepage/397/physics_and_astronomy_curriculum">http://www.dickinson.edu/homepage/397/physics_and_astronomy_curriculum</a>
Biochemistry & Molecular Biology	17 +	BIOL 131,132, 216 and 1 from 416, 417, 418, 419, 425 or 433); 3 CHEM 131, 132, 241 and 242 (OR 141, 241,242) + 1 elective 490*; BIOL/CHEM 342, 343 + 1 elective; BIOL 313, 326 or CHEM 244; 2 PHYS (131/132 or 141/142), 2 MATH: 170 & 2nd crs (except 151) - a special topics crs (MATH 201, 202, 301, 302, 401, 402) requires			* <b>490 dependent upon topic</b> See: <a href="https://www.dickinson.edu/homepage/398/biochemistry_and_molecular_biology_curriculum">https://www.dickinson.edu/homepage/398/biochemistry_and_molecular_biology_curriculum</a>

		approval of BCMB program			
--	--	--------------------------	--	--	--

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Biology	11-12	9 BIOL (SEE NOTES) + research experience,  Interdisciplinary STEM Exploration Core: students must take at least two courses from the menu, offered outside of the biology department, which provide a foundation in one or more of the physical or computational sciences.	9	3 or 4	131 and 132; 7 crs beyond 131/132: one crs at 200-level; two from advanced study of molecules, genes and/or cells, one being lab (213, 216, 313, 316, 318,326, 327, 335, 343, 417, 418, 419, 425, 427, 433); 2 from advances study of organism, populations, and/or ecosystems one being lab (215, 221, 224, 314, 322, 323, 325, 332, 333, 334, 416); 2 add'l lab crs at the 200, 300, or 400 level. NOTE: 2 sem. of math (calculus or stats) + 2 sem. of physics strongly recommended for advanced degree in BIOL or health professions SEE: <a href="http://www.dickinson.edu/homepage/399/biology_curriculum">http://www.dickinson.edu/homepage/399/biology_curriculum</a> for more detailed major information.
Chemistry	13-14 + research experience (if taking option I- SEE: NOTES)	9-10 CHEM: 141 (or 131, 132), 241,242,243,244,341, 342,347 & one 490 elective; 2 PHYS (131/132 or 141/142); 2 MATH 170, 171	9-10 + research experience (if taking option I: SEE NOTES)	4	<b>Option I with ACS Certification:</b> requires an approved research experience, which may be fulfilled by completion of an approved lab-based research project at D'son (8 wks during summer or 2-semester research project) or at off-campus site. <b>Option II w/o ACS Certification:</b> same core requirements as option I; No Research Component
Chinese	13	CHIN 101 102, 201, 202, 231, 232, 361; EASN 480 and 490	9	(see notes)	1 CHIN humanities elective; 1 CHIN social science elective; 1 additional elective (social science or humanities or language); 300-level WiD seminar on China [elective on China or transnational East Asia]
Classical Studies	9 or 10		9 or 10		Crises taken in combinations of Latin, Greek, Classical Civilizations. SEE: <a href="http://www.dickinson.edu/homepage/401/classical_studies_curriculum">http://www.dickinson.edu/homepage/401/classical_studies_curriculum</a>
Computer Science	13	132, 190 (1/2 credit), 232, 256, 290 (1/2 credit), 314, 332, 491, 492; 352 or 354; 2 additional COMP electives	11 (see notes)	2 (see notes)	2 add'l COMP electives includes at least 1 200-level or above which may be replaced by PHYS 213 or, with prior approval of COMP, another appropriate course outside of COMP; at least 1 300-level or higher. One of these courses may be replaced by DATA 300. Two credits in MATH – 170 and 211
Creative Writing (minor)					SEE: <a href="http://www.dickinson.edu/homepage/404/creative_writing_curriculum">http://www.dickinson.edu/homepage/404/creative_writing_curriculum</a>
Dance & Music	13	3 in THDA (102,104,204); 5 in MUAC (101,102,125,126,354); 2 CR in dance technique	All in THDA and MUAC		To complete the major, students take 3 courses for either the research track or 4 courses for the practicum track

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Data Analytics	13 and an experiential component	Core Requirements DATA 180, 200, and 300 PHIL 258  Mathematics Requirements MATH 170, 171, 225, and 325 (or ECON 298)  Computer Science Requirement: COMP 130  Capstone Requirement DATA 400	DATA 180, 200, 300, 400	MATH 170, 171, 225, 325; COMP 130  3-course discipline sequence requirement	SEE: <a href="https://www.dickinson.edu/homepage/1471/data_analytics_curriculum">https://www.dickinson.edu/homepage/1471/data_analytics_curriculum</a>  For details regarding options for the 3-course discipline sequence requirement and the experiential component
Dickinson College's Ballet Certificate Program with Central Pennsylvania Youth Ballet	8	2 core (THDA 102 and 316); 4 semesters (full credit) in studio practice. Ballet instruction at advanced level or higher for 2 yrs (311, 312, 411, 412)	6-8 in THDA	1 or 2 possible electives in INBM	SEE: <a href="https://www.dickinson.edu/homepage/453/cpyb_curriculum">https://www.dickinson.edu/homepage/453/cpyb_curriculum</a>
Earth Sciences	13	141 or 142,151; four from 302, 305, 309, 331, and 333 or 335; CHEM 131 or 141	6 core + electives dependent upon option selected	CHEM 131 or 141; others dependent upon option selected	3 options 1) <b>Env. Geoscience:</b> MATH 170 or 121; ERSC 218; 3 ERSC courses above the 100-level (core courses cannot double count as electives). OR 2 ERSC courses above the 100-level and 1 non-ERSC DIV III course above the 100-level; capstone: ERSC 491, 500, 550, or 560 2) <b>Geoscience:</b> MATH 170 & 121; one PHYS 131 or 141; 2 from following: 201, 221, 306, 307, 311; capstone: ERSC 491, 550, or 560; 3) <b>Student-designed:</b> coherent group of at least 4 upper-level electives within the semester student declares ERSC major; MATH 170 or 121; capstone: ERSC 491, 500, 550, or 560. For capstone details, SEE: <a href="http://www.dickinson.edu/homepage/413/earth_science_curriculum">http://www.dickinson.edu/homepage/413/earth_science_curriculum</a>
East Asian Studies	13	CHIN or JPNS 101, 102,201,202; EASN/HIST 120; EASN 480 and 490	7	(see notes)	Two humanities electives; two social science electives; one additional elective (social science or humanities or language); 300-level WiD seminar; one elective must cover East Asia as a region or an area other than the country of the language study. NOTE: Students will not be permitted to double major in EASN and one of the languages (CHIN or JPNS)

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Economics (ECON)	11	<p><i>Core Requirements:</i> ECON 111, 112, 268, 278, 288</p> <p><i>MATH Requirements:</i> MATH 121 or 225 or INBM 220 MATH 170</p> <p><i>Elective Requirements (3):</i> Three ECON electives, at least two (2) must be at the 300-level or above</p> <p><i>Capstone Requirement:</i> ECON 496</p>	5 specific + 3 electives and a senior seminar	2/3	NOTE: Due to the substantial overlap between the two majors, a student is not permitted to double major in ECON and QECN.
Economics, Quantitative (QECN)		<p><i>Core Requirements:</i> ECON 111, 112, 268, 278, 298</p> <p><i>MATH Requirements:</i> MATH 121 or 225 or INBM 220 MATH 170 and 171</p> <p><i>Elective Requirements (4):</i> 3 ECON electives, at least two (2) must be at the 300-level or above One Quantitative Economics (QECN) elective, at the 300-level or above</p> <p><i>Capstone Requirement:</i> ECON 496</p>			
Educational Studies	10	120 or 130, 140, 250, 260,470 Internship for transcript notation	8		<i>Concentration in Teaching and Learning:</i> 300; 2 electives (from 320,330,340,350,360,370); 2 crses in one other dept. related to the concentration, approved by EDST; <i>Concentration in Education and Society:</i> 310; 2 electives (from 320,330,340,350,360,370); 2 crses in one other dept. related to the concentration, approved by EDST.
English	11	See Notes	11		11 courses, of which the following are required: 101, 220, either 221 or 222, six lit courses at the 300-level (two must be pre-1800 and two post-1800), 403 and 404. At least two 300-level courses must be taken at Dickinson. Majors must also Students will still, of course, be able to take additional 300-level courses.
Environmental Studies	13	core consists of 161, 162, 406	3 core + minimum of 3 add'l ENST from specific categories	Maximum of 7	For category descriptions and more details, SEE: <a href="http://www.dickinson.edu/homepage/418/environmental_studies_and_environmental_science_curriculum">http://www.dickinson.edu/homepage/418/environmental_studies_and_environmental_science_curriculum</a>  At least 3 courses at the 300-level or above (in or outside of ENST)

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Environmental Science	14	core consists of 161, 162, 406	3 core + minimum of 3 add'l ENST from specific categories	Maximum of 8	For category descriptions and more details, SEE: <a href="http://www.dickinson.edu/homepage/418/environmental_studies_and_environmental_science_curriculum">http://www.dickinson.edu/homepage/418/environmental_studies_and_environmental_science_curriculum</a>  At least 5 courses at the 300-level or above (in or outside of ENST)  NOTE: no more than 2 may be numbered 550 or 560
Film & Media St (minor)					SEE: <a href="http://www.dickinson.edu/homepage/419/film_studies_curriculum">http://www.dickinson.edu/homepage/419/film_studies_curriculum</a>
Food Studies Certificate					SEE: <a href="http://www.dickinson.edu/homepage/849/food_studies_curriculum">http://www.dickinson.edu/homepage/849/food_studies_curriculum</a>
French and Francophone Studies	11		11		Minimum of 11 courses beyond 201 (previously 100-level), including FREN 236, 1 course in Francophone studies, & two 300-level courses taken on Carlisle campus during SR yr, one of which must be SR seminar. SEE: <a href="http://www.dickinson.edu/homepage/420/french_curriculum">http://www.dickinson.edu/homepage/420/french_curriculum</a>
German	10	202, or its equivalent One 200-level in GRMN (above 202, r a 300-level crse) One 300-level crse in GRMN 340 (only for students who spend yr. in Bremen) 400 (sr. seminar)	7 (if 340 is taken)		SEE: <a href="http://www.dickinson.edu/homepage/424/german_curriculum">http://www.dickinson.edu/homepage/424/german_curriculum</a>
Health Studies Certificate					SEE: <a href="http://www.dickinson.edu/homepage/426/health_studies_curriculum">http://www.dickinson.edu/homepage/426/health_studies_curriculum</a>
History	10	3 specific in the Methodological Core 204, any 300-level history course, 404	10 at Dickinson (including approved crses while abroad and from transfer students)		Methodological core: 204, any 300-level HIST, 404 Field of concentration: 4 courses (selected from N. America, Europe, Latin America, Asia/Middle East, Africa, Comparative) in field; 3 courses in other field.  Chronological distribution: at least 1 crse before and 1 crse after 1800

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
International Business & Management	15 + non-credit internship	2 core ECON (111,112) 8 core INBM (100,110, 220,230,240,250,290,400)	11 (8 core; three 300-level electives; or 2 INBM electives plus a third course beyond the intermediate level of foreign lang; or after consultation with the INBM advisor and completion of appropriate prerequisites, a business-relevant course above the introductory level from another dept or program	4 (2 ECON; 2 courses above the intermediate level of foreign lang. (American Sign Language cannot be used to fulfill the foreign language requirement for the INBM curriculum.	<i>International students who have fulfilled the language requirement in their native language and who do not pursue a second language as part of their program at Dickinson must take two courses with U.S. content in the social sciences or humanities.</i>
International Studies	14	2 core POSC - 170, 280; 2 core ECON - 111,112 INST 200 1 core in diplomatic history: HIST 358, HIST 282, or INST 260 + 2 Capstone courses (401, 404)	3 (INST 260, 401, 404 )	11 (2 POSC, 2 ECON, 1 HIST, 2 foreign lang., 4 electives in one of four areas on concentration from at least 2 depts.)	2 foreign language courses beyond the intermediate level; 4 electives, from one of the following four areas of concentration: 1) a geographical area or a specific country; 2) sustainability and the global environment; 3) world economy and development; or, 4) global security;  Senior capstone courses INST 401 – seminar research; fall of senior year INST 404 – review and prep for INST oral exam; spring of senior year
Italian (minor)					SEE: <a href="http://www.dickinson.edu/homepage/459/italian_italian_studies_curriculum">http://www.dickinson.edu/homepage/459/italian_italian_studies_curriculum</a>
Italian Studies	10	Language in Context: 231, 232, 301, 305, 400; CORE: Culture- 1 crs History – 1 crs; Visual Arts & Representations – 1 crs; Area of Emphasis – 2 crs in one elective emphasis	5	Dependent upon courses selected in core and emphasis chosen	CORE: Culture – 321, 322, 323 or 324; History – 321 or 323 when topic is pertinent, or HIST 232 or HIST 223 or HIST 375; Visual Arts & Representations – 323 or 324 or ARTH 205 or ARTH 300 or ARTH 301 or 304 when topic is pertinent; Area of Emphasis: Humanities (321; 322; CLST 224; MUAC 351); History (ITAL 323; CLST 253; HIST 105; HIST 223); European and Mediterranean Studies (ITAL 323; HIST 358; INTD 390; POSC 250; POSC 275,276; POSC 290/ECON 214); Film and Media Studies (ITAL

		(see NOTES for specific courses)			323; ITAL 324 – when topic is relevant); Food Studies (ITAL 300-when topic is relevant; ITAL 321; ITAL 323)
Japanese	13	JPNS 101, 102, 201, 202,231,232,361; EASN 480 and 490	9	(see notes)	1 JPNS humanities elective; 1 JPNS social science elective; 1 additional JPNS elective (social science, humanities or language); 300-level WiD seminar on Japan [elective on Japan or transnational East Asia]
Judaic Studies	11	5 specific: HEBR 200, 231 or equivalent JDST/RELG 204 JDST/RELG 203 JDST 250/RELG 260 RELG 410 JDST 490 or JDST 550	4+ dependent upon courses selected (see Notes)	Dependent upon courses selected -See Notes	One course focused on Late Antiquity or the Medieval period (Kabbalah; Jews in the Medieval World; Crusades; Love, Sex & Hebrew Texts); One course focusing on American Jewish Experience (Judaism in the US; American Jewish Literature; Jews & Hollywood); One course focusing on Israel (Arab Israeli Conflict; Israeli Politics; Mid East Cinema); Two Electives (Women, Gender & Judaism; Jewish Environmental Ethics; Holocaust in Italian Cinema; Ethnography of Jewish Experience)

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Latin American, Latinx, and Caribbean Studies	11	LALC 201; 1 additional intro. crse (See NOTES) ; 1 language crse above inter-mediate level (SPAN, FREN or regional language approved by dept); one methods crse relevant to area of concentration (See NOTES); 4 crse in area of concentration; two electives; LALC 285; LALC 490; See NOTES			Additional intro. courses: AFST 100, 200, 235; AMST 200  Methods course relevant to are of concentration (geographic or thematic): AFST 200, AMST 401, ANTH 240 or 241, ECON 474, HIST 204, POSC 239, SOCI 240 or 244, SPAN 305, WGST 250)  Three courses in area of concentration Two electives Of the 5 crses (3 in concentration & 2 electives), at least 1 should be in the humanities and should include crses in 3 dept; Intro. crses will not count as concentration or elective crses
Law and Policy	13 course credits plus transcript notation internship	7 Core: POSC 120; ECON 111 and 228; LAWP/POSC 248; LAWP 220; POSC 220 OR 221; LAWP 400	LAWP/POSC248 LPPM 220 LPPM 400  Law & policy transcript notation internship	4 Core 6 electives	6 electives: 1 empirical social science elective; 1 ethics elective; 2 law-related electives; 2 policy related electives  Students who successfully complete The Washington Center program while in Washington DC and students who complete a for-credit internship while studying abroad would satisfy their internship requirement and would not have to complete the internship notation process.
Mathematics	11	7 specific courses in MATH:  170, 171, 211, 262, 270, 351, 361	10 or 11	Possibly one elective	one MATH with 351 or 361 as a prerequisite; one math numbered 301 or higher; two math electives numbered 201 or higher. Two additional math courses numbered 201 or higher. One of these may be replaced by COMP 132 or ECON 398 or, upon prior approval by the dept, a mathematics-intensive course from another department.
Medieval & Early Modern Studies	11	MEMS 200 and 490 5 core: HIST 105 and 106 and <b>3 courses</b> focused in the time frame or on MEMS theory	2 (MEMS 200 and 490)	9	<b>3 core courses</b> - one each in MUSC, ARTH, and literature in any language. Cluster courses: 4 courses on a topic decided in consultation with a MEMS advisor, in more than one department and including courses above the 100-level
Middle East Studies	12	2 yrs. ARBI OR modern HEBR (4 crses); HIST 121 & 122		12	One social science crse in another discipline Three humanities crses + One additional elective (NOTE: one of these electives to be in a country that is not the focus of language study) Senior research



MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Music	11 - 14 depending upon emphasis	One course from MUAC 100 – 102; MUAC 126 MUAC 209; MUAC 131 & 133 OR 231 & 133; 1 cr MUPS 113 and/or 114; 1 300-level MUAC seminar; MUAC 401 4 sems MUEN			<p>Students may complete the Arts requirement after four semesters (1.0 course) of involvement in the same music ensemble:</p> <ul style="list-style-type: none"> <li>• an instrumental ensemble (DICE, Jazz, Orchestra or Chamber music)</li> <li>• a vocal ensemble (Choir, Collegium, Chamber music (with a vocal component))</li> <li>• chamber music</li> </ul> <p>Three major emphases: Music and Sound Studies, Music Performance, Music Composition/Theory</p> <p><b>For details re: course requirements by emphasis see:</b> <a href="http://www.dickinson.edu/homepage/465/music_curriculum">http://www.dickinson.edu/homepage/465/music_curriculum</a></p>
Neuroscience	11 or 12 + research experience	<p>BIOL (124 and one from 313, 327, 330, 333);</p> <p>CHEM (131,132; OR 141)</p> <p>NRSC 200</p> <p>PHYS 141, 142,if completing pre-health (or 131,132 if not pre-health); NOTE: MATH 151 or 171 is pre-req/co-req for PHYS 131-132.</p> <p>PSYC: 125; one from following 300-level - 310,315, 325,330, 380 (NRSC-related research methods crse) and one from following 400-level –NRSC 400, PSYC 425, 430, 480 (NRSC-related topics crse), BIOL 401</p>	Interdisciplinary major – 11 or 12 courses in Div. III	1 elective outside of Div. III (200-level or above) See Additional Notes	<p>One elective may be chosen from courses listed in the major requirements that the student has not already taken or another upper-level science course related to neuroscience (200-level or above): BIOL 216, 314, 315, 318, 321, 326, 327, 334, 417 or 342; CHEM 490; PSYC 355, 380 or 455.</p> <p>The other elective must be outside of DIV III (200-level or above), and must be a course that examines science in a philosophical, environmental, or socio-cultural context.</p> <p>For the list of current courses that will satisfy the second elective SEE: <a href="http://www.dickinson.edu/homepage/466/neuroscience_curriculum">http://www.dickinson.edu/homepage/466/neuroscience_curriculum</a></p>

		(NRSC-related topics crse) or BIOL 412 (NRSC-related seminar crse)			
--	--	--	--	--	--

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Philosophy	10	103, 201, 202; two courses at the 300-level; 401, plus four additional PHIL courses	10		
Physics	11 minimum	5 core courses (131/132 or 141/142 & 211,212, 282) senior research - 491,492 OR 2 semesters of Independent Research, PHYS 550	10		At least 4 additional elective courses at least two at/above 300-level All physics majors not enrolled in a 3-2 engineering program must complete the Advanced Laboratory Capstone sequence 491, 492 <i>OR</i> two semesters of Independent Research (PHYS 550) with senior status and permission of the instructor. The introductory courses intended primarily for non-science majors, Life in the Universe (ASTR 105), Mysteries of the Solar System (ASTR 109), and Stars, Galaxies, and Beyond! (ASTR 110) may not be applied towards a physics major.  <b>Physics-Engineering Track:</b> 13 courses PHYS 131, 132, 211, 212, 213, 282, 311, 312, 331 OR 314, 491 and 492 COMP 131 CHEM 131 OR 141
Political Science	10	4 specific (180, 120, 170, 390 seminar)	10		any course in Comparative Politics (150, 250, 251, 252, 253, 254, 255, 256, 257, 260, 261, 264, 270, and, when appropriate, 275, 276, 190, 290), <b>239 Research Methods or any course with a departmental Methods Designation.</b> NO P/F crses.
Portuguese and Brazilian Studies (minor)	5		PORT 231		SEE: <a href="http://www.dickinson.edu/homepage/471/Portuguese_and_Brazilian_Studies_curriculum">http://www.dickinson.edu/homepage/471/Portuguese_and_Brazilian_Studies_curriculum</a>

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Psychology	11	2 specific (201, 202)	11		<p>1. <b>Four 100-level courses:</b> One course from each group and one elective from any group (180 courses are designated by the chair as an elective or as belonging in Group 1, 2 or 3. Group 1: 110, 120, 125, 130. Group 2: 155, 160, 165, 175. Group 3: 135, 140, 145, 150.</p> <p>2. <b>201 and 202 OR 210 and 211</b></p> <p>3. <b>Two 300-level courses</b></p> <p>4. <b>Two 400-level courses</b></p> <p>5. <b>One Additional Advanced Psychology Course</b>  An additional 300-level course, OR  An additional 400-level course), OR  500 independent study in psychology, OR  550 independent research in psychology, OR  560 student/faculty collaboration research</p> <p>Students are eligible to declare the psychology major after successful completion of Psychology 201 OR 210.  All courses above the 100-level must be taken in the department. Exceptions to this rule may be granted to students who study at approved overseas programs and/or who petition the department chair.</p>
Religion	10	One 100-level, 410, 490	3 methodological (one 100-level, 410, 490); SEE NOTES		<p>Required:  3 methodological – any 100-level RELG course, 410, 490; two courses in Western traditions (Judaism, Christianity, Islam);  Two courses in other religious traditions (Hinduism, Buddhism, Native American);  Three courses focusing on a particular religious tradition, related religious texts, or the cultural dynamics shaped by religion</p>
Russian	11	RUSS 100  4 RUSS language crses above 201 (previously 116), including at least one 300-level course  Any 2 Russian literature or	7	Dependent upon electives selected (up to 4)	<p>At least 4 elective courses chosen from:  Up to 2 additional upper-level Russian language courses;  One additional literature or culture course taught in English;  Up to 2 Russian or East European History courses;  One POSC course with Russian content;  One RELG or PHIL course with Russian content.</p>

		culture courses taught in English, covering 19 <sup>th</sup> & 20 <sup>th</sup> century when combined			
Security Studies Certificate					SEE: <a href="http://www.dickinson.edu/homepage/482/security_studies_curriculum">http://www.dickinson.edu/homepage/482/security_studies_curriculum</a>

MAJOR	TOTAL # OF COURSES REQUIRED FOR MAJOR	SPECIFIC REQUIRED OR CORE COURSES	# REQUIRED WITHIN DEPT.	# REQUIRED OUTSIDE OF DEPT.	ADDITIONAL NOTES
Sociology	11	6 specific (110, 236, 240, 244, 330 or 331), 400	10 110, 236, 240, 244, 330 or 331, 400, and five other courses. *	one in the student's thematic area if approved by SOCI dept.	* Three of the five elective courses must be in the student's thematic area; upon approval <b>one of the thematic courses may be outside the department.</b>
Spanish and Portuguese Studies	11 or 12 (202 and above)	Dependent upon concentration Language & Culture: 202, 229, 231 Hispanic Studies: 202, 231, 299, 401 Brazilian & Hispanic Studies: PORT 202, 231; SPAN 202, 231, 401	11 or 12		See specific requirements in the Academic Bulletin: <a href="https://www.dickinson.edu/homepage/470/spanish_and_portuguese_curriculum">https://www.dickinson.edu/homepage/470/spanish_and_portuguese_curriculum</a>
Theatre & Dance: Theatre Arts Major	11	Core: 101, 121-221 (one course credit), 130, 201, 203, 205, 230, 319.	Dependent upon cluster (see notes)	Dependent upon cluster (see notes)	For <b>Acting/Directing (choose 3)</b> : 300, 303, 305, 495. For <b>Design and Technology (choose 3)</b> : 495, 500, 550, 560; no more than 2 of following: ARTH 101 or 102, ARTH 122, ARTH 123. For <b>Dramatic Literature</b> : 495; three additional approved crses in dramatic lit., one of which must have a pre-1800 focus. Examples: CLST 110; ENGL 366, 387, 392; FREN 364; GRMN 342, 345; GREK 234, 332; SPAN 320, 360). Students may propose individualized clusters – must be submitted by end of 5 <sup>th</sup> semester in residence, otherwise, must complete a pre-approved clusters listed. THDA 495 requires dept. approval – pre-req is four .25 credits in production and performance.
Theatre & Dance: Dance Major	11	102, 130, 204, 215, 220, 230, 303, 316; at least 4 semesters of dance technique (at least two from Modern Dance 121-422); 1 of the following: 201 (with permission of Director of Dance), 214, 304, 495			THDA 495 requires dept. approval – pre-req is four .25 credits in production and performance.

Women's, Gender and Sexuality Studies	10 courses + transcript notation internship and final reflective essay	4 core crses: WGSS 100, 200, 300, 400	4	5-10	6 required electives, at least one from each of four thematic categories (Histories, Theories, Representations; Transnational and Global Perspectives; Sexualities and Gendered Pluralities; Intersectionalities, Institutions and Power.
---------------------------------------	--	---------------------------------------	---	------	---