

General Education

PennWest Clarion students who are completing a Legacy Program are required to complete 48 credits of General Education coursework. This requirement is achieved by taking courses from a series of different "menus." Each menu has a list of courses that satisfy the menu goals. A student who has not previously competed a requirement may select any course from the appropriate menu, unless their major program of study has required a particular course. Program-specific General Education requirements are listed on the Student's Degree Audit in DegreeWorks. Students should always consult with an academic adviser or their department chair regarding any program-specific General Education requirements.

I. Liberal Education Skills: (12 Credits)

A. English Composition: (3 Credits)

B. Mathematics Requirement (3 Credits)

C. Liberal Educations Skills Electives: (6 Credits)

Selected from at least 2 areas

II. Liberal Knowledge: (27 Credits)

A. Physical and Biological Science: (9 Credits)

Selected from at least 2 areas excluding the major prefix area(s)

B. Social and Behavioral Science: (9 Credits)

Selected from at least 2 areas excluding the major prefix area(s)

C. Arts and Humanites: (9 Credits)

Selected from at least 2 areas excluding the major prefix area(s)

III. Health and Personal Performance: (3 Credits)

A. Health and Wellness: (2 Credits)*

B. Personal Performance: (1 Credit)*

General Education Electives: (Credits to total 48 from Gen Ed)

General Education Flags: (6 Courses)

Credits may be counted in the Major, Minor, Gen Ed, or Free Electives

First Year Values Flag: (1 Course)

Second Year Values Flag: (1 Course)

Writing Intensive Flags: (2 Courses)

Quantitative Reasoning Flag: (1 Course)

Information Literacy Flag: (1 Course)

Notes:

* Any 3-credit course listed in both the IIIA and IIIB menus will satisfy the 2-credit requirement of IIIA and 1-credit requirement of IIIB.

The menus for each requirement in the Clarion Legacy General Education Program are listed on the following pages. The Legacy courses listed in each menu have been up-dated with equivalent PennWest courses.

If a course is listed as an option on more than one menu, the course may only be used to satisfy one requirement. For example, MATH 1220 may be used to satisfy either the Mathematics Requirement or a Physical and Biological Science Requirement, but it may not be used to satisfy both requirements.

Please refer to your Degree Audit in DegreeWorks to determine if a specific course has been prescribed for any requirement.

Pennwest Clarion Legacy General Education Menus

Please refer to your Degree Audit in DegreeWorks to determine if a specific course has been prescribed for any requirement.
To narrow your search to a specific category in Student Self-Service, perform an advanced search using the attribute codes provided below.

Liberal Education Skills

English Compositions

ENGL1200 College Composition

Mathematics Requirement

Attribute = LESM (CLA-MATH) or GFQR (GE-Foundations-Quant Reasoning)

MATH (Any Excluding 0201 and 4900)	STAT 2010 Statistics for Business STAT 2000 Stats for Health, Social Sci	STAT 2020 Elements of Statistics
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Liberal Education Skills Electives

Attribute = LESE (CLA- Lib Ed Skills Elective)

ALHL 2101 Medical Terminology ARAB 1001 Elementary Arabic I ARAB 1002 Elementary Arabic II ARAB 2001 Intermediate Arabic I ARTH 1200 Landmarks of World Art ARTH 1301 Global Art History I ARTH 1302 Global Art History II ARTH 2500 Art History Today CHIN 1001 Elementary Chinese I CHIN 1002 Chinese Two CMAC 1200 Prob. Solving & Prog. Concepts CMAC 1240 Computer Programming I CMAC 2000 Introduction to Cybersecurity CMAC 2040 Object Oriented Programming CMAC 3100 Comp Arch and Assembly Lanq CMAC 3320 Tech Computing Using Java CMAC 3500 Web Programming I CMIS 1100 Intro to Information Systems CMIS 2170 Spreadsheets & Office Apps	CMIS 2720 Databases for Decision Making CMIS 3200 Database Programming CMIS 3500 Web Programming I CMSC 1040 Personal Productivity Software CMSC 1200 Prob Solving & Prog Constructs CMSC 1240 Computer Programming I CMSC 2040 Object Oriented Programming CMSC 3200 Database Programming CMSC 3320 Tech Computing Using Java CMSC 4200 Artificial Intelligence COMJ 1010 Public Speaking COMJ 1040 Media Writing COMJ 3414 Pub. Layout and Design COMJ 3846 Promotional Events & Publicity CSD 1800 Intro ASL & Other Comm Methods ECEE 1010 Tech for Early Chld Educators ED 2333 Tech in Teaching and Learning ENGL 1100 Intro to College Composition ENGL 2600 Intro to Linguistics	ENGL 2610 Traditional Grammar FREN 1001 Elementary French I FREN 1002 French II FREN 2001 French III GEOG 1112 What is Where and Why? MATH (Any Excluding 0201) PHIL 1000 Critical Thinking PHIL 3000 Formal Logic SPAN 1001 Elementary Spanish I SPAN 1002 Spanish II SPAN 2001 Spanish III STAT 2020 Elements of Statistics STAT 3010 Mathematical Prob Stats STAT 3800 Intro to Actuarial Science STAT 4010 Statistical Inference THEA 1010 Voice And Speech THEA 3120 Theatre History II TRIO 1000 First Year Seminar
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Liberal Knowledge

Physical and Biological Science

Attribute = PBS (CLA- Physical & Biological Sci) or GDNS (GE-Discoveries-Nat Sci & Tech)

ATMS (ANY) BIOL (ANY) CHEM (ANY) CMAC 1240 Computer Programming I EXSC 1310 App Anat and Phys Ex Well I EXSC 1315 App Anat and Phys Ex Well II GEOG 1078 Questions in Science GEOG 1178 Discovering Phys Sciences GEOG 1278 Discovering Env Sciences GEOG 2150 Conservation Nat Resources GEOG 1078 Questions in Science GEOG 1178 Discovering Phys Sciences GEOG 1278 Discovering Env Sciences GEOG 2150 Conservation Nat Resources GEOL 1078 Questions in Science GEOL 1178 Discovering Phys Sciences GEOL 1250 Stellar Astronomy GEOL 1278 Discovering Env Sciences GEOL 1500 Dynamic Earth GEOL 1600 Ocean Science GEOL 1700 Geology of Our Nation's Parks GEOL 1900 Digging for Dinosaurs	GEOL 2010 Earth History GEOL 2500 Volcanology GEOL 2900 Planetary Geology GEOL 3010 Prof Dev for Geologists GEOL 3100 Applied Soil Science GEOL 3200 Geomorphology GEOL 3250 Quant Geology GEOL 3300 Mineralogy GEOL 3310 Mineralogy and Petrology GEOL 3500 Geochemistry GEOL 3600 Geophysics GEOL 3800 Quaternary Geology GEOL 3900 Independent Study in Geology GEOL 3990 Seminar in Geology GEOL 4000 PASSHE Geology Field Course GEOL 4030 Groundwater Hydrology GEOL 4100 Field Methods in Geology GEOL 4300 Structural Geology GEOL 4500 Invertebrate Paleontology GEOL 4700 Regional Field Geology GEOL 4750 Computer Apps Geosciences GEOL 4950 Geology Internship	GGIS 1078 Questions in Science GGIS 1178 Discovering Phys Sciences GGIS 1278 Discovering Env Sciences HONR 3100 Honors Nat Science and Tech MATH (Any Excluding 0201) PHYS (ANY) PLE 2402 Principles of Ecology PLE 4405 Ecological Applications PLE 4410 Field Meth in Environ Biol PLE 4420 Forest Ecology PLE 4422 Wildlife Management PLE 4427 Field Botany PLE 4475 Wetland Ecology PLE 4490 Disease Ecology PLE 4728 Ornithology PLE 4775 Herpetology QBA 1000 QBA 1: Optimization STAT 2000 Stats for Health, Social Sci STAT 2010 Statistics for Business STAT 2020 Elements of Statistics
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Social & Behavioral Science

Attribute = SBS (CLA - Social & Behavioral Sci) or GDSS (GE-Discoveries-Social Sciences)

AAAS 2023 Intro Af-Am / Africana ANTH (ANY) COMJ 1101 Exploring Human COM COMJ 1107 Exploring Mass Media CRJ 1000 Intro to Criminal Justice CRJ 3740 Court Systems CSD 1010 Intro to Comm Disorders CSD 1500 Speech & Language Development ECEE 1200 Child Development and Learning ECON 1000 Elements of Economics ECON 1300 Consumer Economics ECON 2100 Principles of Microeconomics ECON 2200 Principles of Macroeconomics ED 2500 Multicultural Education	GEOG (ANY) GGIS 1078 Questions in Science GGIS 1178 Discovering Phys Sciences GGIS 1210 Mapping our Environment GGIS 1278 Discovering Env Sciences GGIS 1510 GeoBusiness GGIS 2100 Geographic Information Systems GGIS 2300 Environmental Remote Sensing I GGIS 2990 Crime Map & Spatial Analysis GGIS 3050 Spatial Energy/Nat Res GGIS 3110 Geo Data Handling & Integ GGIS 3120 Computer Cartography GGIS 3300 Env Remote Sensing II GGIS 4120 Advanced Cartography	GGIS 4200 Geospatial Analysis GGIS 4210 GIS Modeling and Programming GGIS 4220 Environ Apps in GIS HIST (ANY) HONR 3200 Honors Social Sciences NURS 3030 Death And Grief POLI (ANY) PSYC (ANY) PTA 1000 Intro to Phy Therapist Asst SOCI (ANY) SOWK (ANY) SPT 2050 Sport Ethics & Integ SPT 3270 Gender in Sports
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Arts and Humanities

Attribute = AHCL (CLA- Arts & Humanities) or GDAH (GE-Discoveries-Art/Humanities)

ARAB 2002 Intermediate Arabic II ARAB 3001 Advanced Arabic I ARAB 3002 Advanced Arabic II ARAB 3110 Arabic Conversation ARAB 3410 Contemporary Arabic Culture ARAB 3420 The Culture of Islam ARAB 3430 Images of Islam Spain to Iran ART (ANY) ARTH (ANY) BIOL 2010 Introduction to Bioethics CHIN 1000 Intro Chinese Cul&Lang CHIN 1001 Elementary Chinese I COMJ 1010 Public Speaking COMJ 1040 Media Writing COMJ 1101 Exploring Human COM COMJ 1105 Exploring Sport Media COMJ 1107 Exploring Mass Media COMJ 1210 Civil Discourse COMJ 2070 Audience Analytics COMJ 2202 Rhetorical Theory COMJ 2221 Argumentation & Debate COMJ 2231 Interpersonal Communication COMJ 3060 Communication Research COMJ 3201 Conflict, Power & COM COMJ 3202 Advocacy Campaigns COMJ 3212 Rhetoric of Pop Culture	COMJ 3236 Leadership Communication COMJ 3241 Small Group Decision Making COMJ 3261 Nonverbal Communication COMJ 3271 Communication & Gender COMJ 3405 Sport Journalism COMJ 3407 Media Ethics COMJ 3609 Video Production COMJ 3619 Audio Production COMJ 3639 Photojournalism COMJ 3649 Studio Production COMJ 3659 Postproduction COMJ 3679 On Air Performance COMJ 3806 Organizational Communication COMJ 3816 Crisis Management COMJ 3826 Public Relations COMJ 3846 Promotional Events & Publicity COMJ 3866 Personal Selling COMJ 4060 Career Planning for COM COMJ 4222 Freedom of Speech COMJ 4625 Sport Digital Audio & Video Pr COMJ 4803 Current Practices in Social COMJ 4826 Advanced Topics in PR & Strat COMJ 4866 Strat COM Campaigns COMJ 4920 COMJ Practicum DANC 1310 Found. of Dance Technique DANC 1320 Ballet I	DANC 1330 Jazz I DANC 1340 Tap I ECEE 1100 Teaching Children's Literature ED 3700 ELL Foundations ENGL 1300 Introduction to Literature ENGL 1303 Intro to Drama ENGL 1900 Intro to English Studies ENGL 2300 Topics in Literature ENGL 2310 American Literature Survey I ENGL 2315 American Literature Survey II ENGL 2320 British Literature Survey I ENGL 2325 British Literature Survey II ENGL 2330 World Literature Survey I ENGL 2340 Survey of AA Lit ENGL 2350 Literature and Sexualities ENGL 2360 Lit and the Environment ENGL 2380 Introduction to Shakespeare ENGL 2500 Intro to Film Studies ENGL 3321 Lit. of Young Adults ENGL 3610 History of the English Lang ENGL 3900 Independent Study ENGL 4310 Literary Theory: Criticism FREN (ANY EXCEPT 1001,1002, 2001) GEOG 1112 What is Where and Why? HIST 1010 US History to 1877 HIST 1015 US History since 1877
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Pennwest Clarion Legacy General Education Menus

Arts and Humanities (continued)

HIST 1510 World History I	THEA 1410 Stagecraft	THEA 3500 Practicum: Performance
HIST 1515 World History II	THEA 1450 Estill Voice Training I	THEA 3510 Finding Your Voice
HONR 3200 Honors Social Sciences	THEA 1500 Intro to Theatrical Design	THEA 3520 Pract: Directing/Choreography
HONR 3300 Honors Arts and Humanities	THEA 2030 Musical Theatre Performance I	THEA 3530 Practicum: Design
MUSI (ANY)	THEA 2110 Lighting I	THEA 3540 Practicum: Management
PHIL (ANY EXCEPT 1000, 1020, 3000, 3400)	THEA 2250 Costume Construction	THEA 3560 Practicum: Technical Production
SPAN (ANY EXCEPT 1001, 2001, 3001)	THEA 2310 Intermediate Acting	THEA 4030 Musical Theatre Perform III
SPAN 3460 20th Century Spain	THEA 2450 Estill Voice Training II	THEA 4450 Estill Voice Training IV
THEA 1000 Introduction to Theatre	THEA 3010 Voice and Speech II: Dialects	THEA 4800 Digital Performance
THEA 1200 Entertainment Audio I	THEA 3120 Theatre History II	THEA 4900 Theatre Capstone
THEA 1260 Makeup I	THEA 3270 Stage Management	TRIO 1000 First Year Seminar
THEA 1310 Fundamentals of Acting	THEA 3400 Advanced Theatrical Design	
THEA 1400 Script Analysis	THEA 3450 Estill Voice Training III	

Health and Personal Performance

Health and Wellness

Attribute = HWCL (CLA- Health & Wellness) or GDWH (GE-Wellness & Personal Hlth)

CMAC 2000 Introduction to Cybersecurity	GERT 3800 Wellness and Aging	PSYC 1300 Psyc of Pers Growth & Wellness
CMSC 2000 Introduction to Cybersecurity	HLSC 1150 Current Health Issues	RECR 1650 Intro to Rec and Leisure
EXSC 2260 Sports Nutrition	HLSC 3150 First Aid & Personal Safety	SOWK 3300 Let's Talk About Sex
EXSC 3223 Tch Hlth & Wellness Elem Sch	HLSC 3400 Sports Nutrition	SPT 1211 Health & Personal Performance
EXSC 4310 Motor Learning & Development	PFPL 1010 Wealth Building and PFP	SPT 3000 Peak Performance in Sport

Personal Performance

Attribute = PPCL (CLA-Personal Performance) or GDWH (GE-Wellness & Personal Hlth)

CMAC 2000 Introduction to Cybersecurity	GERT 3800 Wellness and Aging	RECR 1650 Intro to Rec and Leisure
CMSC 2000 Introduction to Cybersecurity	HLSC 1150 Current Health Issues	SOWK 3300 Let's Talk About Sex
EXSC 1281 Adapted Phy Ed	HLSC 3150 First Aid & Personal Safety	SPT 1211 Health & Personal Performance
EXSC 1285 Phys Fit And Cond	HLSC 3400 Sports Nutrition	SPT 3000 Peak Performance in Sport
EXSC 1286 Phys Fit Thru Stren Trn	PFPL 1010 Wealth Building and PFP	
EXSC 2260 Sports Nutrition	PSYC 1300 Psyc of Pers Growth & Wellness	

General Education Electives

Any General Education Course from the previous menus.

Mathematics Requirement: Attribute = LESM (CLA-MATH) or GFQR (GE-Foundations-Quant Reasoning)

Liberal Education Skills Electives: Attribute = LESE (CLA- Lib Ed Skills Elective)

Physical and Biological Science: Attribute = PBS (CLA- Physical & Biological Sci) or GDNS (GE-Discoveries-Nat Sci & Tech)

Social & Behavioral Science: Attribute = SBS (CLA - Social & Behavioral Sci) or GDSS (GE-Discoveries-Social Sciences)

Arts and Humanities: Attribute = AHCL (CLA- Arts & Humanities) or GDAH (GE-Discoveries-Art/Humanities)

Attribute = HWCL (CLA- Health & Wellness) or GDWH (GE-Wellness & Personal Hlth)

General Education Flags

First Year Values Flag

Attribute = GFYF (First Year Values Flag-CLA)

ANTH 1000 Intro to Anthropology	ECON 1000 Elements of Economics	PHIL 2000 Religion, Wisdom, and MeaningA
ARTH 1110 Art Appreciation	ECON 1300 Consumer Economics	PHIL 2100 Introduction to Ethics
BLAW 2000 Legal Ethical Env Business	ENGL 1300 Introduction to Literature	POLI 1000 Introduction to Politics
CHIN 1000 Intro Chinese Cul&Lang	ENGL 1303 Intro to Drama	POLI 1100 American Politics
COMJ 1101 Exploring Human COM	HRMG 3000 Principles of HRM	PSYC 1300 Psyc of Pers Growth & Wellness
COMJ 2231 Interpersonal Communication	NURS 3030 Death And Grief	SOCI 1000 Introduction to Sociology

Second Year Values Flag

Attribute = GSYF (Second Year Values Flag-CLA)

ACC 4700 International Accounting	ED 3700 ELL Foundations	NURS 3020 Health Prom for Elderly
ART 2013 Sculpture I	ENGL 2330 World Literature Survey I	PLE 4405 Ecological Applications
BIOL 4550 Evolution	ENGL 2340 Survey of AA Lit	POLI 3610 Politics and Film
CHEM 1078 Questions in Science	ENGL 3600 Topics in Linguistics	PSYC 3350 Abnormal Psychology
COMJ 3261 Nonverbal Communication	FINA 3600 International Finance	SOCI 3110 Family & Intimate Relationship
COMJ 3271 Communication & Gender	FINA 4000 Investments	SOCI 3340 Sociology Conflict Res
COMJ 3826 Public Relations	GEOC 2150 Conservation Nat Resources	SOCI 4950 Internship in Sociology
COMJ 3856 COM Strategies for Advertising	GGIS 2100 Geographic Information Systems	SOWK 1000 Introduction to Social Work
CSD 1010 Intro to Comm Disorders	HRMG 3000 Principles of HRM	SOWK 4200 SW Practice and Aging
ECON 2100 Principles of Microeconomics	HSRH 2270 Neuro & Physical Disorders	SPED 4060 Adv EBP for Stu w Lo Inc Dis
ECON 2200 Principles of Macroeconomics	MGMT 3220 Corp. Social Responsibility	THEA 2310 Intermediate Acting
ED 2500 Multicultural Education	MKTG 3630 Integrated Mktg Communication	

Writing Intensive Flags

Attribute = GWIF (Writing Intensive Flag-CLA) or GCIW (GC-Comp-Intensive Writing)

ACC 4400 Auditing	BIOL 4050 Immunology	COMJ 4414 Advaned Journalistic Writing
ALHL 4900 AH Leadership Capstone	BIOL 4270 Endocrinology	COMJ 4846 Writing for PR & Strat Comm
ANTH 2030 Anthropology Research	BIOL 4310 Developmental Biologv	CRJ 4300 Adv Criminological Theories
ANTH 4260 Cell Physiology	BIOL 4473 Freshwater Ecology	CRJ 4400 Research Methods
ARAB 4002 Arabic Translation	BIOL 4992 Ethology	CRJ 4900 Seminar in Crim Jus Studies
ARTH 2100 Intro to Asian Art	BIOL 4999 Research in Biology	CSD 4200 Clinical Observation/Exp
ARTH 3000 Art of Ancient Egypt	BLAW 4410 International Bus Law	CSD 4300 Info Literacy in CSD
ARTH 3200 Medieval Art	BSAD 4900 Business Capstone	DGMT 4450 Digital Media Proj Planning
ARTH 3400 Art of the Renaissance	CHEM 2205 Organic Chemistry I Lab	DGMT 4850 DMT Senior Seminar
ARTH 3600 American Art	CHEM 2255 Organic Chemistry II Lab	ECEE 1210 Dev Appropriate Prac PreK
ARTH 3610 African American Art	CHEM 3405 Quantitative Chem Analysis Lab	ECEE 2440 Motor Devel. & Learn
ARTH 3800 Modern Art	CHEM 3455 Instrumental Analysis Lab	ECEE 3630 Leadership and Advocacy
ARTH 3810 Contemporary Art	CHEM 4505 Physical Chemistry I Lab	ECET 3560 Microprocessor Engineering
ARTH 3900 Art and Society	CHEM 4555 Physical Chemistry II Lab	ECET 4910 Senior Project
ARTH 3910 Women in Art	CHEM 4605 Biochemistry I Lab	ECON 3200 Intermediate Macroeconomics
ARTH 3920 Museum and Gallery Studies	CHIN 3000 Studies Chinese Cul&Lang	ECON 3330 Labor Economics
ARTH 3930 Museum and Gallery Field Trips	CMAC 2100 Log & Switch Theory	ECON 3620 Comparative Econ Systems
ARTH 4100 Special Topics: American Art	CMAC 4140 Theory of Languages	ECON 4100 Games and Behavior
ARTH 4600 Special Topics: European Art	CMAC 4900 Senior Project I	ECON 4600 Global Economic Perspectives
ARTH 4700 Special Topics: Modern Art	CMAC 4920 Senior Project II	ECON 4810 Applied Econometrics
ARTH 4800 Special Topics: Contemporary	CMIS 3125 Systems Analysis & Design	ED 1750 Educational Psychometry
ARTH 4900 After Modernism	CMIS 4110 Systems Development Project	ED 4100 Assessments
ATMS 3200 Env Instrumentation & Meas	CMIS 4900 Senior Capstone I	ED 4240 Student Teaching
ATMS 3750 Field Trip in Atmospheric Sci	CMSC 2100 Log & Switch Theory	ED 4250 Student Teaching
ATMS 3990 Special Topics in Atmos Sci	CMSC 4140 Theory of Languages	ENGL 2200 Reading and Writing
ATMS 3995 Sem. in Atmospheric Sciences	CMSC 4900 Senior Project I	ENGL 2205 Writing in the Genres
ATMS 4100 Synoptic Meteo & Climatoloy	COMJ 2201 Business & Professional COM	ENGL 2210 Writing Health HS Professions
ATMS 4419 Applied Climatoloy	COMJ 2404 Newsriting	ENGL 2220 Writing for the Community
BIOL 3326 General Microbiology	COMJ 3211 Social Advocacy	ENGL 2230 Writing & Natural Science
BIOL 3328 Ecology of the Prokaryotes	COMJ 3307 Global Mass Communication	ENGL 2240 Writing & Social Science
BIOL 3330 Cell Biology	COMJ 3424 Digital Journalism	ENGL 2250 Vis. Rhet., Writ. & Des.
BIOL 4046 Pathogenic Microbiology	COMJ 3434 Broadcast Journalism	ENGL 2260 Writ. Argument & Persuasion



Pennwest Clarion Legacy General Education Menus

Writing Intensive Flag (continued)

ENGL 2270 Digital Storytelling	HIST 2990 Historical Methods	PHIL 3580 Philosophy of Science
ENGL 2280 Writing for Business	HIST 4900 History Capstone	PLE 4473 Freshwater Ecology
ENGL 2370 Literature by Women	HLSC 3100 Special Pops & Pathologies	PLE 4482 Behavioral Ecology
ENGL 2400 Intro to Creative Writing	HLSC 4250 Health Science Capstone	POLI 3100 Congress/Legislative Process
ENGL 3200 Adv. Topics in Writ	HONR 4990 Honors Thesis Project	POLI 3400 Anc-Med Political Thought
ENGL 3210 Stud. in Prof. Writ	HSRH 3995 Seminar for HSRH Internship	POLI 3410 Modern Political Thought
ENGL 3220 Grant and Proposal Writing	LAW 2001 Legal Writing	POLI 3510 Constitutional Law
ENGL 3230 Technical Writing	LAW 3450 Environmental Law	PSYC 3010 Research Methods Psychology
ENGL 3240 Workplace Writing	MATH 3000 Foundations of Mathematics	PSYC 3240 Psyc of Adulthood & Aging
ENGL 3250 Research Writing	MATH 3210 Linear Algebra I	PSYC 3520 Clinical Skills in Psychology
ENGL 3300 Lit., Cult., & Context	MATH 3610 College Geometry	PSYC 3600 Cognitive Psychology
ENGL 3301 Literature and Medicine	MATH 4260 Abstract Algebra I	PSYC 4800 Capstone in History & Systems
ENGL 3302 Literature and Aging	MATH 4410 Real Analysis I	PSYC 4900 Capstone Seminar in Psychology
ENGL 3303 Literature and Disabilities	MATH 4900 Senior Math Seminar	PSYC 4910 Capstone Lab in Psychology
ENGL 3310 Stud. in Lit. and D.E.I	MECH 3100 Princ of Automatic Control	PSYC 4920 Capstone Research in Psyc
ENGL 3320 Lit. Forms and Genres	MGMT 3110 Organizational Behavior	REFN 4710 Real Estate Market & Invest An
ENGL 3380 Topics in Shakespeare	MGMT 4100 Management Research	SOCI 2300 Sociology of Life Course
ENGL 3400 Poetry Writing	MGMT 4800 Sustainable Business Research	SOCI 2800 Sociological Research Methods
ENGL 3410 Studies in Fiction Writing	MKTG 3640 Integrated Mktg Communications	SOCI 3220 Sociology of Death and Dying
ENGL 3420 Nonfiction Writing	MKTG 4210 Consumer Behavior	SOCI 3300 Social Movements
ENGL 3430 Screenwriting	MKTG 4610 Marketing Research	SOCI 3400 Sociology of Deviance
ENGL 3440 Drama Writing	MKTG 4690 International Marketing	SOCI 3500 Sociological Theory
ENGL 3450 Graphic Novel Writing	MUSI 3750 Music & Recording Tech II	SOCI 3900 Independent Study
ENGL 3700 Applied Lit. Stud.	MUSI 4770 Music & Recording Technology V	SOCI 4000 Qualitative Research Methods
ENGL 4200 Writ., Ed. & Style	NURS 3400 Contemporary Nursing Practice	SOWK 3400 Social Welfare Policy
ENGL 4300 Topics and Authors	NURS 4400 Nursing Leadership	SOWK 4000 SW with Orqs & Comm
ENGL 4400 Adv. Creative Writing	NURS 4415 Research & EBP	SPAN 3000 Hispanic Stories & Voices
ENGL 4700 Composition Proc & Practices	NURS 4620 Health Promotion in Nursing	SPAN 3001 Spanish IV
EVPM 4120 Rec Program Plan and Eval	NURS 4900 Nursing Capstone I	SPAN 3002 Latino Cultures in the U.S.
EXSC 3314 Kinesiology	PGMT 2100 Golf Shop Operations	SPAN 3009 Spanish for the Professions
EXSC 4125 Eval Res in Fit and Well	PHIL 3200 Cont Iss in Theoretical Ethics	SPAN 3100 Conversation and Composition
EXSC 4130 Appl. in Fit & Well Research	PHIL 3210 Engineering Ethics	SPAN 3200 Hispanic Short Stories
FREN 3001 French IV	PHIL 3220 Biomedical Ethics	SPAN 3440 Translation
FWSC 4420 Principles Wildlife Management	PHIL 3240 Environmental Ethics	SPAN 3500 ST Hisp. Language Culture
FWSC 4424 Fisheries Management	PHIL 3260 Ethics and Criminal Justice	SPED 3000 Intro to Appl Behav Analysis
FWSC 4425 Aquaculture	PHIL 3300 Philosophy of Art	SPED 3080 Sp Ed: Field-Based Skills
GEOG 2410 Planning the Human Environment	PHIL 3320 Philosophy and Film	SPT 2600 Strat Sports Comm
GEOG 4110 Geography of Water Resources	PHIL 3340 Philosophy and Literature	SPT 3100 Sports Brand & Sponsorsh
GEOG 3030 Hydrology	PHIL 3360 Topics in Phi. Art, and Theory	SPT 4290 Advanced Topics in SPTM
GEOG 3350 Earth and Energy Resources	PHIL 3400 Philosophy of Human Nature	THEA 3020 Theatre History I
GEOG 3400 Petrology	PHIL 3420 Philosophy and Feminism	THEA 3040 World Drama
GEOG 3700 Advanced Environmental	PHIL 3440 Phil and the Meaning of Life	THEA 3060 Modern Drama
GEOG 4200 Sedimentology and Stratigraphy	PHIL 3500 Philosophy of Knowledge	THEA 3310 Advanced Acting
GEOG 4400 Tectonics	PHIL 3520 Philosophy of Mind	VETT 2920 Clinical Experience
GEOG 4600 Watershed Evaluation	PHIL 3540 Philosophy of Religion	VETT 3010 Contemporary Issues in Vet Med
GGIS 4900 Capstone in GIT	PHIL 3560 Philosophy of Language	

Quantitative Reasoning Flag

Attribute = GQUF (Quantitative Flag-CLA) or GCQA (GC-Comp-Quantitative Appl)

ATMS 1100 Intro to Weather and Climate	MATH 1010 Quantitative Reasoning	PHYS 2500 University Physics I
ATMS 1500 Environmental Atmospheric Sci	MATH 2120 Math for Teachers II	PHYS 2510 University Physics I Lab
ATMS 3300 Weather Forecasting	MATH 2310 Calculus for Business	PHYS 2600 University Physics II
ATMS 4100 Synoptic Meteo & Climatology	MATH 2320 Essentials of Calculus	PHYS 2610 University Physics II Lab
CHEM 1080 Physical Science Chem	MATH 2410 Calculus I	PSYC 3000 Psychology Statistics
CHEM 1108 General Chemistry I	MATH 2420 Calculus II	QBA 1000 QBA 1: Optimization
CHEM 1128 General Chemistry II	MATH 3210 Linear Algebra I	QBA 2000 QBA 2: Statistical Analysis
CHEM 1178 Discovering Phys Sciences	MATH 3430 Calculus III	QBA 3000 QBA 3: Analytics & Application
CMIS 2015 Data Analytics Tools	MATH 3440 Differential Equations	SOCI 2800 Sociological Research Methods
CMIS 4250 Applications of ML & DL	MATH 3520 Advanced Discrete Mathematics	SOWK 4100 Soc Wrk Research Meth
COMJ 3060 Communication Research	MATH 3810 Mathematical Interest Theory	SPED 3070 Special Mathematics Instruct
CRJ 4400 Research Methods	MATH 4310 Numerical Methods I	SPED 3090 Assessment and Presct Teach
ECEE 3700 Teaching Math K-4	MECH 4200 Machine Design and Kinematics	SPT 4050 Econ & Fin Mgt in Sport
ECON 1300 Consumer Economics	NURS 2240 Nursing Interventions Theory	STAT 2020 Elements of Statistics
ED 4100 Assessments	NURS 4901 Nursing Capstone II	STAT 3000 Applied Statistical Methods
EXSC 3314 Kinesiology	PFPL 1010 Wealth Building and PFP	STAT 3010 Mathematical Prob Stats
GEOG 3250 Quant Geology	PHIL 3000 Formal Logic	STAT 3800 Intro to Actuarial Science
GEOG 3500 Geochemistry	PHYS 1500 General Physics I	STAT 4010 Statistical Inference
GGIS 3120 Computer Cartography	PHYS 1510 General Physics I Lab	THEA 2110 Lighting 1
GGIS 4200 Geospatial Analysis	PHYS 1600 General Physics II	THEA 2720 Properties Design for Theatre
HSRH 4750 Admin Rehab Deliv Systems	PHYS 1610 General Physics II Lab	THEA 3110 Lightina 2

Information Literacy Flag

Attribute = GILF (Information Literacy Flag-CLA) or GCIL (GC-Comp-Information Literacy)

ALHL 3301 Research for Health Sciences	ED 2333 Tech in Teaching and Learning	PHIL 3300 Philosophy of Art
ANTH 2050 Archaeo Mysteries	ENGL 2230 Writing & Natural Science	PHIL 3320 Philosophy and Film
ART 4900 Senior Capstone in Studio Arts	ENGL 2240 Writing & Social Science	PHIL 3340 Philosophy and Literature
ART 4915 Senior Seminar in Studio Arts	ENGL 2360 Lit and the Environment	PHIL 3360 Topics in Phi, Art, and Theory
ARTH 4100 Special Topics: American Art	ENGL 3000 Reading 21st Century	PHIL 3400 Philosophy of Human Nature
ARTH 4600 Special Topics: European Art	ENGL 3250 Research Writing	PHIL 3420 Philosophy and Feminism
ARTH 4700 Special Topics: Modern Art	ENGL 3700 Applied Lit. Stud.	PHIL 3440 Phil and the Meaning of Life
ARTH 4800 Special Topics: Contemporary	EXSC 4130 Appl. in Fit & Well Research	PHIL 3500 Philosophy of Knowledge
ATMS 1500 Environmental Atmospheric Sci	EXSC 4370 Research in Human Performance	PHIL 3520 Philosophy of Mind
BIOL 3326 General Microbiology	GEOG 2130 Physical Geography	PHIL 3540 Philosophy of Religion
BSAD 4900 Business Capstone	GEOG 3350 Earth and Energy Resources	PHIL 3560 Philosophy of Language
BSIN 2000 Management Information Systems	GGIS 2990 Crime Map & Spatial Analysis	PHIL 3580 Philosophy of Science
CHEM 3010 Chem Car Prof Dev II	GGIS 3110 Geo Data Handling & Integ	PLE 4405 Ecological Applications
CHEM 4900 Chemistry Capstone	HIST 2020 Local History	POLI 3100 Congress/Legislative Process
CHIN 3000 Studies Chinese Cul&Lang	HIST 2990 Historical Methods	POLI 4900 Public Policy Seminar
CMAC 3000 Responsible Computing	HIST 4640 Digital History	PSYC 3200 Child and Adolescent Dev Psyc
CMAC 4900 Senior Project I	HLSC 4600 Sports Med & EBP Research	PSYC 4900 Capstone Seminar in Psychology
CMAC 4920 Senior Project II	HONR 3100 Honors Nat Science and Tech	PTA 2250 Phys Ther Asst Ortho Inter.
CMIS 3000 Responsible Computing	HONR 3200 Honors Social Sciences	ROBO 2900 Robotics System Project
CMIS 4110 Systems Development Project	HONR 3300 Honors Arts and Humanities	SOCI 2050 Contemporary Social Problems
CMIS 4900 Senior Capstone I	HSRH 2270 Neuro & Physical Disorders	SOCI 2100 Social Inequalities
CMSC 4900 Senior Project I	INFO 2560 Information for Life	SOCI 2800 Sociological Research Methods
COMJ 1107 Exploring Mass Media	INFO 4450 The Genealogy Quest	SOWK 4100 Soc Wrk Research Meth
COMJ 2221 Argumentation & Debate	LAW 2000 Methods of Legal Research	SPAN 3009 Spanish for the Professions
COMJ 3424 Digital Journalism	LAW 3100 Legal Resources and Databases	SPAN 3400 Hispanic Film
COMJ 3434 Broadcast Journalism	MATH 3995 Junior Mathematics Seminar	SPAN 3600 Hispanic Immersion
COMJ 4060 Career Planning for COM	MECH 4900 Senior Project Design	SPED 3995 Nature of Autism Spec. Disord
CRJ 4400 Research Methods	NURS 2030 Nursing Seminar	SPT 1000 Intro to Sport Management
ECEE 3600 Reading & Writing Instruction	NURS 3420 Healthcare Informatics	SPT 4235 Risk Management for Sports
ECET 4900 Senior Project Prop	NURS 4400 Nursing Leadership	THEA 1500 Intro to Theatrical Design
ED 2200 School Law and Ethics	NURS 4415 Research & EBP	THEA 2260 Makeup 2

