List of Upper Division Honors Courses for Honors – Students must complete the course with an “A” to earn Honors hours for the course.

- The policy for “Honors for A’s” in upper division courses is available to students who entered WVU in Fall of 2016 or earlier. Students entering in 2017 or later are not eligible for this Honors option.

AGBI Agricultural Biochemistry
AGBI 512 Nutritional Biochemistry
AGBI 514 Animal Biotechnology

ARE Agriculture & Resource Economics
ARE 435 Marketing Registered Livestock

AGRN Agronomy
AGRN 415 Soil Survey and Land Use
AGRN 410 Soil Fertility
AGRN/ENVP 425 Environmental Soil Management
AGRN/ENVP 455 Reclamation of Disturbed Soils
AGRN 430 Soil Physics
AGRN/AEM/ENVP 420 Soil Microbiology

ANPH Animal Physiology
ANPH 301 Intro to Animal Physiology
ANPH 400 Growth/Lactation Physiology
ANPH 424 Physiology of Reproduction
ANPH 430 Breeding of Farm Animals
ANPH 480 Behavioral Patterns of Animals

A&VS Animal and Veterinary Science
A&VS 402 (W) Values and Ethics
A&VS 451 (W) Current Literature-Animal Science

AEM Applied and Environmental Microbiology
AEM 341 General Microbiology
AEM 408 Applied Water Microbiology
AEM/ENVP 420 Environmental Microbiology

ARHS Art History
ARHS 494C Art History Seminar: Great Universal Expositions of the Nineteenth and Early Twentieth Centuries
ARHS 375 Nineteenth-Century Art

ARHS 360 Baroque Art
ARHS 350 Northern Renaissance Art
ARHS 354 Italian Renaissance Art
ARHS 333 Medieval Architecture
ARHS 331 Medieval Art and Architecture
ARHS 325 Ancient Roman Art and Architecture
ARHS 321 Ancient Aegean and Greece

BIOL Biology
BIOL 302 Biometry
BIOL 311 Advanced Cellular-Molecular Biology Laboratory
BIOL 335 Cell Physiology
BIOL 340 Invertebrate Zoology
BIOL 350 Plant Physiology
BIOL 351 Plant Diversity
BIOL 352 Plant Anatomy Writing Section
BIOL 353 Flora of WV BIOL 361 Plant Ecology
BIOL 363 Plant Geography Writing Section
BIOL 410 Cell and Molecular Biology Methods
BIOL 411 Intro to Recombinant DNA
BIOL 420 Genomics
BIOL 425 Developmental Genetics
BIOL 432 Forensic Biology
BIOL 438 Animal Behavior
BIOL 439 Neuroethology
BIOL 440 Comparative Anatomy
BIOL 441 Vertebrate Anatomy
BIOL 450 Plant Systematics
BIOL 453 Molecular Basis of Disease
BIOL 454 Immunology
BIOL 455 Evolution-Infectious Diseases
BIOL 456 Microbial Symbiosis
BIOL 461 Principles of Evolution
BIOL 463 Global Ecology
BIOL 464 Population Genetics
BIOL 493 Molecular Biology of Cancer
BIOL 493M Epigenetics
BIOL 493N Advances in Systems Neuroscience
BIOL 493W Communicating Natural Science to the Public
BIOL 493? Sensory Neural Systems
BIOL 493? Biocem Nuc. & Proteins
BIOL 493? Principals of Neural Coding

**College of Business and Economics**
ACCT 471 International Accounting (only open to B&E majors)
ECON 453 Economic Transition in Europe
MANG 480 Corporate Social Responsibility (only open to B&E majors)
MIST 357 Information Ethics (only open to B&E majors)
MKTG 440 Export Management (only open to B&E majors)
MKTG 455 Societal Issues in Marketing (only open to B&E majors)
MKTG 425 Sustainable Marketing (only open to B&E majors)

**College of Engineering and Mineral Resources**
**BSAE Degree**
MAE 475 Flight Vehicle Design (capstone design, required course)
MAE 430 Microgravity Research (technical elective)
MAE 474 UAV Design/Build/Fly Competition (technical elective)

**BSME Degree**
MAE 471 Principles of Engineering Design (capstone design, required course)
MAE 411 Advanced Mechatronics (required course)
MAE 430 Microgravity Research (technical elective)

**BSMINE Degree**
MINE 411 Rock Mechanics and Ground Control
MINE 483 Mine Design-Reserve Mapping
MINE 484 Mine Design-Report

**BSPNGE**
PNGE 333 Basic Petroleum Reservoir Engineering
PNGE 450 Formation Evaluation
PNGE 470 Natural Gas Engineering

**BSIE**
IENG 314 Advanced Analysis of Engineering Data
IENG 316 Industrial Quality Control
IENG 350 Introduction to Operations Research

**BSChE**
CHE 310 Process Fluid Mechanics
CHE 311 Process Heat Transfer
CHE 312 Separation Processes
CHE 325 Chemical Reaction Engineering
CHE 455 Chemical Process Design 1
CHE 456 Chemical Process Design 2

**BSCE**
CE 332 Intro to Transportation
CE 347 Into to Environmental Engineering
CE 351 Introductory Soil Mechanics
CE 361 Structural Analysis I Or any CE Technical or open Elective

**BSBS, BSCS, BSCPE AND BSEE**
CS 430 Advanced Software Engineering
CPE 462 Wireless Networks
CPE 312 Microprocessor applications
EE 455 Introduction to Micro fabrication
EE/CS/CPE/BIOM 481 Senior Design Project

**College of Physical Activity and Sports Science**
SEP 374 Sport Studies Research
SEP 425 Psychological Aspects of Sport Injury

**CHEM Chemistry**
CHEM 117/118 Principles of Chemistry
CHEM 490 Chemistry Teaching Practicum
(EXPECTATION: Chemistry majors may not count this course toward Honors credits earned)
CHEM 497 Research
CHEM 498 Honors Organic Chemistry
Any 500-level CHEM course (students may use 500-level graduate courses as long as they have approval from the chemistry department)
CHE Chemical Engineering
CHE 310 Process Fluid Mechanics
CHE 311 Process Heat Transfer
CHE 312 Separation Processes
CHE 315 Transport Analysis
CHE 320 Thermodynamics
CHE 325 Chemical Reaction Engineering
CHE 326 Reaction Phenomena
CHE 435 Chemical Process Control
CHE 455 Chemical Process Design I
CHE 456 Chemical Process Design II

FIS Forensic and Investigative Science
FIS 314 Introduction to Microscopy
FIS 406 Courtroom Testimony
FIS 409 Bloodstain Pattern Analysis
CHEM 460 Forensic Chemistry (This course is not an Honors course for Chemistry majors)
FIS 497 Undergraduate Research

GEN Genetics
GEN 371 Principles of Genetics

HIST History
HIST 346 Women, Family and Gender in Premodern Europe
HIST 317 German Central Europe: 1648-1900
HIST 318 20th Century German Central Europe
HIST 375 Hollywood and History
HIST 416 The French Wars of Religion
HIST 421 Hitler and the Third Reich
HIST 423 History of Fascism
HIST 432 Eighteenth Century Britain, 1715-1832
HIST 454 Antebellum America, 1800-1860
HIST 464 U.S. Diplomatic History Since 1941

HORT Horticulture
HORT 444 Handling and Storage of Hort. Crops

HN&F Human Nutrition and Food
HN&F 460 Advanced Nutrition
HN&F 472 Community Nutrition
HN&F 474 Nutrition In Disease

IENG Industrial Engineering
IENG 471 Capstone I
IENG 472 Capstone II

MUS Music
MUS 471 - 16th and 17th Century Music
MUS 472 - 18th Century Music
MUS 474 - Music of the 20th Century
MUS 477 - Music of Africa
MUS 487 - Student Teaching Seminar
MUS 493 G - Music in World Cultures
MUS 495 - ST: Performance Practice of Brazil
**NAS Native American Studies**
NAS 493 Special Topics.
ALL TRAVEL IMMERSION COURSES qualify.

**NSG Nursing**
NSG 334 Concepts: Adult Health
NSG 333W Ethics in Nursing
NSG 356 Concepts: Psychosocial
NSG 421 Concepts Critical Care
NSG 441 Concepts Community
NSG 476 Introduction to Nursing Research
NSG 393 Alterations in Adult Health I
NSG 393B Alterations in Adult Health II
NSG 393D Ethics and Health Care Policy
NSG 493I Alterations in Mental Health
NSG 493K Care of the Critically Ill Patient
NSG 493L Leadership in Complex Systems
NSG 482 Palliative Care

**PPTH Plant Pathology**
PPTH 401 General Plan Pathology
PPTH 409 Nematology

**PHIL Philosophy**
Phil 306 Philosophy of mind

**PSYC Psychology**
PSYC 362 Psychological Assessment
PSYC 423 Cognition and Memory
PSYC 426 Physiological Psychology
PSYC 498 (Honors Thesis)

**PHYS Physics**
PHYS 314 Modern Physics for non-majors
PHYS 341 Advanced Physics Laboratory
ASTRO 470 General Relativity

**Reed College of Media**
ADV 452 Advertising Strategy/Management
ADV 455 Creative 2
JRL 426 Investigative Reporting
JRL 430 Social Media and Journalism
JRL 431 Multimedia Storytelling
JRL 456 West Virginia Uncovered
JRL 445 International Media I
JRL 446 International Media II
JRL 428 Media Ethics and Law
JRL 458 Interactive Media/Audience Building
JRL 487 Advanced video Reporting/Producing
PRNJ 418 Advanced Reporting
PRNJ 493A Blogging and Interactive Journalism
PR 493M Multimedia Storytelling for PR
PR 512 Fundraising/Foundation Management
STCM 421 AD and PR Research
TVJ 486 Broadcast Bureau Reporting

**SPA Speech Pathology & Audiology**
SPA 322 Phonetics
SPA 326 Articulation and Cleft Palate
SPA 440 Audiological Assessment
SPA 424 Language Disorders

**THET Theater**
THET 302 Directing
THET 312 Theatrical Rigging
THET 323 Advanced Scene Design
THET 324 Costume Design I
THET 326 Advanced Costume Design
THET 344 Acting Studio
THET 370 Production Dramaturgy
THET 421 Lighting Design

**VETS Veterinary Science**
VETS 302 Animal Pathology 3hr
VETS 401 Veterinary Anatomy 3hr
VETS 405 Parasitology 3hr
VETS 411 Principles of Lab Animal Science 3hr

**WMAN Wildlife Management**
WMAN 300 Wildlife/Fisheries Techniques
WMAN 446 Limnology
WMAN 450 Advanced Wildlife/Fisheries Mgmt.