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Northeastern University

Semester Course Content Equivalencies Handbook

Office of the University Registrar

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# Quarter to Semester Course Content Equivalencies Table : Undergraduate Full-Time Day Programs, CHE-CRS

Northeastern University

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# Semester Course Content Equivalencies Handbook

***Undergraduate Full-Time Day Programs***

## Quarter to Semester Course Content Equivalencies Table: CHE-CRS

**Note: Changes made since publication are indicated in red highlighted text.**

### About This Section

This section of the handbook lists quarter courses together with their semester course content equivalents. The quarter courses are arranged alphabetically according to the two- or three-letter department code found in the course number (for example, "ART" for "Visual Arts," "ECN" for "Economics," etc.).

### How to Use This Section

For a detailed explanation of how to use this and other sections of the handbook, please see "How to Use This Handbook" at www.registrar.neu.edu/how2.pdf.

### See Your Academic Adviser!

*All students must have a complete transition plan made with and approved by an academic adviser.* This handbook is designed to be used by students *in conjunction with an academic adviser* to plan completion of degree programs/majors under semesters. The handbook is not intended to replace academic advising but rather to supplement it. Similarly, the equivalency relationships in the handbook are not intended to replace transition plans made with an academic adviser.

| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CHE (Chemical Engineering)** | |
| **CHE 1201** Chem Engineering Calculations 1 (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHE 1205** Computation Lab (2 QH) ✻ | **CHE U306** Chemical Eng Calculations (5 SH, Type A) |
| **CHE 1202** Chem Engineering Calculations 2 (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHE 1211** Chem Engineer Thermodynamics 1 (4 QH) ✻ | **CHE U320** Chemical Eng Thermodynamics 1 (4 SH, Type A) |
| **CHE 1205** Computation Lab (2 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHE 1201** Chem Engineering Calculations 1 (4 QH) ✻ | **CHE U306** Chemical Eng Calculations (5 SH, Type A) |
| **CHE 1211** Chem Engineer Thermodynamics 1 (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHE 1202** Chem Engineering Calculations 2 (4 QH) ✻ | **CHE U320** Chemical Eng Thermodynamics 1 (4 SH, Type A) |
| **CHE 1310** Chem Engineer Thermodynamics 2 (4 QH) | **CHE U322** Chem Eng Thermodynamics 2 (4 SH, Type A) |
| **CHE 1321** Momentum Transport (5 QH) *with* **CHE 1415** Experimental Methods 1 (5 QH) ✻ | **CHE U310** Transport Processes and Ops 1 (4 SH, Type A) |
| *alone* | **CHE U310** Transport Processes and Ops 1 (4 SH, Type A) |
| **CHE 1415** Experimental Methods 1 (5 QH) *with* **CHE 1321** Momentum Transport (5 QH) ✻ | **CHE U310** Transport Processes and Ops 1 (4 SH, Type A) |
| *alone* | **CHE U310** Transport Processes and Ops 1 (4 SH, Type A) |

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| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CHE 1416** Experimental Methods 2 (5 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHE 1441** Separation Processes (5 QH) ✻ | **CHE U520** Unit Ops&Separation Processes (3 SH, Type C)<br>*and* **CHE U521** Lab for CHE U520 (2 SH, Type B) |
| **CHE 1421** Chemical Engineering Kinetics (4 QH) | **CHE U510** Chemical Engineering Kinetics (4 SH, Type A) |
| **CHE 1431** Heat Transport (5 QH) | **CHE U312** Transport Processes and Ops 2 (4 SH, Type A) |
| **CHE 1441** Separation Processes (5 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHE 1416** Experimental Methods 2 (5 QH) ✻ | **CHE U520** Unit Ops&Separation Processes (3 SH, Type C)<br>*and* **CHE U521** Lab for CHE U520 (2 SH, Type B) |
| **CHE 1450** Chemical Engineering Economics (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHE 1501** Process Design 1 (6 QH) ✻ | **CHE U701** Chemical Process Design 1 (4 SH, Type C)<br>*and* **CHE U702** Lab for CHE U701 (1 SH, Type B) |
| **CHE 1501** Process Design 1 (6 QH)<br>*with* **CHE 1450** Chemical Engineering Economics (4 QH) ✻ | **CHE U701** Chemical Process Design 1 (4 SH, Type C)<br>*and* **CHE U702** Lab for CHE U701 (1 SH, Type B) |
| *alone* | **CHE U701** Chemical Process Design 1 (4 SH, Type C)<br>*and* **CHE U702** Lab for CHE U701 (1 SH, Type B) |
| **CHE 1502** Process Design 2 (6 QH) | **CHE U703** Chemical Process Design 2 (3 SH, Type C)<br>*and* **CHE U704** Lab for CHE U703 (2 SH, Type B) |
| **CHE 1503** Projects 1 (6 QH) ✻ | **CHE U721** Projects 1 (4 SH, Type F) |
| **CHE 1504** Projects 2 (6 QH) ✻ | **CHE U722** Projects 2 (4 SH, Type F) |
| **CHE 1512** Chemical Process Control (4 QH) | **CHE U512** Chemical Eng Process Control (4 SH, Type A) |
| **CHE 1514** Special Topics (4 QH) | **CHE U699** Special Topics in CHE (4 SH, Type A) |
| **CHE 1516** Mass Transfer Operations (4 QH) | **CHE U616** Mass Transfer Operations (4 SH, Type A) |
| **CHE 1519** Polymer Science (4 QH) | **CHE U619** Polymer Science (4 SH, Type A) |
| **CHE 1520** Pollution Control Chemical Ind (4 QH) | **CHE U620** Pollution Cntl in Chem Indust (4 SH, Type A) |
| **CHE 1524** Chemical Process Safety (4 QH) | **CHE U624** Chemical Process Safety (4 SH, Type A) |
| **CHE 1530** Biochemical Engineering Fund (4 QH) | **CHE U630** Biochemical Eng Fundamentals (4 SH, Type A) |
| **CHE 1777** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CHE 1778** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CHE 1796** Indpndnt Study/Research - Honor 1 (4 QH) | **CHE U970** Jr/Sr Honors Project 1 (4 SH, Type F) |
| **CHE 1797** Indpndnt Study/Research - Honor 2 (4 QH) | **CHE U971** Jr/Sr Honors Project 2 (4 SH, Type F) |

# CHM (Chemistry and Chemical Biology)

| | |
|---|---|
| **CHM 1001** College: An Introduction (1 QH) | **CHM U100** College: An Introduction (1 SH, Type A) |
| **CHM 1105** Chemistry for Health Sci 1 (5 QH) | **CHM U101** General Chem for Health Sci (4 SH, Type C)<br>*And* **CHM U102** Lab for CHMU101 (1 SH, Type B)<br>*And* **CHM U103** Recitation for CHM U101 (0 SH, Type R) |
| **CHM 1106** Chemistry for Health Sci 2 (5 QH) | **CHM U104** Organic Chem for Health Sci (4 SH, Type C)<br>*And* **CHM U105** Lab for CHM U104 (1 SH, Type B)<br>*And* **CHM U106** Recitation for CHM U104 (0 SH, Type R) |
| **CHM 1107** Basic Chemistry Nursing Prof (5 QH) | **CHM U101** General Chem for Health Sci (4 SH, Type C)<br>*And* **CHM U102** Lab for CHMU101 (1 SH, Type B)<br>*And* **CHM U103** Recitation for CHM U101 (0 SH, Type R) |
| **CHM 1110** General Chem Preliminaries (5 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CHM 1111** General Chemistry 1 (5 QH) | **CHM U211** General Chemistry 1 (4 SH, Type C)<br>*And* **CHM U212** Lab for CHM U211 (1 SH, Type B)<br>*and* **CHM U213** Recitation for CHM U211 (0 SH, Type R) |
| **CHM 1122** General Chemistry 2 B (5 QH) | **CHM U214** General Chemistry 2 (4 SH, Type C)<br>*And* **CHM U215** Lab for CHM U214 (1 SH, Type B)<br>*and* **CHM U216** Recitation for CHM U214 (0 SH, Type R) |
| **CHM 1130** Fundamentals of Chemistry (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CHM 1131** General Chemistry 1 (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1132** General Chemistry 2 (4 QH) ✻ | **CHM U151** General Chem for Engineers (4 SH, Type C)<br>*and* **CHM U153** Recitation for CHM U151 (0 SH, Type R) |
| **CHM 1132** General Chemistry 2 (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1131** General Chemistry 1 (4 QH) ✻ | **CHM U151** General Chem for Engineers (4 SH, Type C)<br>*and* **CHM U153** Recitation for CHM U151 (0 SH, Type R) |
| **CHM 1138** General Chemistry Lab (1 QH) | **CHM U152** Lab for CHM U151 (1 SH, Type B) |

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| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CHM 1151** General Chemistry 1 (5 QH) | **CHM U211** General Chemistry 1 (4 SH, Type C)<br>*And* **CHM U212** Lab for CHM U211 (1 SH, Type B)<br>*and* **CHM U213** Recitation for CHM U211 (0 SH, Type R) |
| **CHM 1152** General Chemistry 2 (5 QH) | **CHM U214** General Chemistry 2 (4 SH, Type C)<br>*And* **CHM U215** Lab for CHM U214 (1 SH, Type B)<br>*and* **CHM U216** Recitation for CHM U214 (0 SH, Type R) |
| **CHM 1221** Analytical Chemistry (4 QH) | **CHM U321** Analytical Chemistry (4 SH, Type C)<br>*and* **CHM U322** Lab for CHM U321 (1 SH, Type B) |
| **CHM 1222** Bioanalytical Chemistry (5 QH) | **CHM U331** Bioanalytical Chemistry (5 SH, Type C)<br>*and* **CHM U332** Lab for CHM U331 (0 SH, Type B) |
| **CHM 1231** Analytical Chemistry (5 QH) | **CHM U321** Analytical Chemistry (4 SH, Type C)<br>*and* **CHM U322** Lab for CHM U321 (1 SH, Type B) |
| **CHM 1264** Organic Chem for Bio Sci Mjr 1 (5 QH) | **CHM U311** Organic Chemistry1 (4 SH, Type C)<br>*and* **CHM U312** Lab for CHM U311 (1 SH, Type B) |
| **CHM 1265** Organic Chem for Bio Sci Mjr 2 (5 QH) | **CHM U313** Organic Chemistry 2 (4 SH, Type C)<br>*and* **CHM U314** Lab CHM U313 (1 SH, Type B) |
| **CHM 1268** Organic Chem for Pharmacy 1 (5 QH) | **CHM U311** Organic Chemistry1 (4 SH, Type C)<br>*and* **CHM U312** Lab for CHM U311 (1 SH, Type B) |
| **CHM 1269** Organic Chem for Pharmacy 2 (5 QH) | **CHM U313** Organic Chemistry 2 (4 SH, Type C)<br>*and* **CHM U314** Lab CHM U313 (1 SH, Type B) |
| **CHM 1271** Organic Chemistry 1 (3 QH) | **CHM U311** Organic Chemistry1 (4 SH, Type C)<br>*and* **CHM U312** Lab for CHM U311 (1 SH, Type B) |
| **CHM 1272** Organic Chemistry 2 (5 QH) | **CHM U313** Organic Chemistry 2 (4 SH, Type C)<br>*and* **CHM U314** Lab CHM U313 (1 SH, Type B) |
| **CHM 1274** Organic Chem of Living Process (5 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CHM 1381** Physical Chemistry 1 (3 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1394** Experimental Physical Chem 1 (2 QH) | **CHM U401** Physical Chemistry 1 (4 SH, Type C)<br>*and* **CHM U402** Lab for CHM U401 (1 SH, Type B) |
| **CHM 1382** Physical Chemistry 2 (3 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1395** Experimental Physical Chem 2 (2 QH) | **CHM U403** Physical Chemistry 2 (4 SH, Type C)<br>*and* **CHM U404** Lab for CHM U403 (1 SH, Type B) |
| **CHM 1383** Physical Chemistry 3 (3 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CHM 1394** Experimental Physical Chem 1 (2 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1381** Physical Chemistry 1 (3 QH) | **CHM U401** Physical Chemistry 1 (4 SH, Type C)<br>*and* **CHM U402** Lab for CHM U401 (1 SH, Type B) |
| **CHM 1395** Experimental Physical Chem 2 (2 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1382** Physical Chemistry 2 (3 QH) | **CHM U403** Physical Chemistry 2 (4 SH, Type C)<br>*and* **CHM U404** Lab for CHM U403 (1 SH, Type B) |
| **CHM 1396** Experimental Physical Chem 3 (2 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CHM 1422** Instrumental Methds of Analysis (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1432** Instrumental Analysis Lab (2 QH) | **CHM U521** Instrumental Methods of Analy (4 SH, Type C)<br>*and* **CHM U522** Lab for CHM U521 (1 SH, Type B) |
| **CHM 1432** Instrumental Analysis Lab (2 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1422** Instrumental Methds of Analysis (4 QH) | **CHM U521** Instrumental Methods of Analy (4 SH, Type C)<br>*and* **CHM U522** Lab for CHM U521 (1 SH, Type B) |
| **CHM 1441** Adv Inorganic Chemistry (4 QH) | **CHM U501** Inorganic Chemistry (4 SH, Type A) |
| **CHM 1461** ID of Organic Compounds (3 QH) | **CHM U531** Chem Synth Characterization (5 SH, Type C)<br>*and* **CHM U532** Lab for CHM U531 (1 SH, Type B) |
| **CHM 1462** Chemical Synthesis & Charactrztn (3 QH) | **CHM U531** Chem Synth Characterization (5 SH, Type C)<br>*and* **CHM U532** Lab for CHM U531 (1 SH, Type B) |
| **CHM 1491** Directed Study 1 (2 QH) | **CHM U922** Directed Study (2 SH, Type F) |
| **CHM 1492** Directed Study 2 (2 QH) | **CHM U922** Directed Study (2 SH, Type F) |
| **CHM 1521** Advanced Analytical Chemistry 1 (3 QH) | **CHM U611** Analytical Separations (3 SH, Type A) |
| **CHM 1541** Advanced Inorganic Chemistry 1 (3 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CHM 1561** Advanced Organic Chemistry 1 (3 QH) | **CHM U626** Organic Synthesis 1 (3 SH, Type A) |
| **CHM 1562** Advanced Organic Chemistry 2 (3 QH) | **CHM U672** Organic Synthesis 2 (3 SH, Type A) |
| **CHM 1563** Advanced Organic Chemistry 3 (3 QH) | **CHM U627** Mechanistic & Phys Org Chem (3 SH, Type A) |
| **CHM 1564** Spectrophotometric ID Organic (3 QH) | **CHM U628** Spectroscopy of Organ Compnds (3 SH, Type A) |
| **CHM 1581** Advanced Physical Chemistry 1 (3 QH) | **CHM U636** Thermodynamics (3 SH, Type A) |

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| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CHM 1591** Advanced Physical Chemistry 2 (3 QH) | **CHM U686** Fund of Mol Struct Electronics (3 SH, Type A) |
| **CHM 1738** General Chemistry Lab - Honors (1 QH) | **CHM U152** Lab for CHM U151 (1 SH, Type B) |
| **CHM 1741** General Chemistry 1 - Honors (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1742** General Chemistry 2 - Honors (4 QH) ✻ | **CHM U151** General Chem for Engineers (4 SH, Type C)<br>*and* **CHM U153** Recitation for CHM U151 (0 SH, Type R) |
| **CHM 1742** General Chemistry 2 - Honors (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CHM 1741** General Chemistry 1 - Honors (4 QH) ✻ | **CHM U151** General Chem for Engineers (4 SH, Type C)<br>*and* **CHM U153** Recitation for CHM U151 (0 SH, Type R) |
| **CHM 1751** General Chemistry 1 - Honors (5 QH) | **CHM U211** General Chemistry 1 (4 SH, Type C)<br>*And* **CHM U212** Lab for CHM U211 (1 SH, Type B)<br>*and* **CHM U213** Recitation for CHM U211 (0 SH, Type R) |
| **CHM 1752** General Chemistry 2 - Honors (5 QH) | **CHM U214** General Chemistry 2 (4 SH, Type C)<br>*And* **CHM U215** Lab for CHM U214 (1 SH, Type B)<br>*and* **CHM U216** Recitation for CHM U214 (0 SH, Type R) |
| **CHM 1777** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CHM 1800** Undergraduate Research (4 QH) | **CHM U750** Senior Research (4 SH, Type F) |
| **CHM 1801** Undergraduate Research (4 QH) | **CHM U901** Undergraduate Research (4 SH, Type F) |
| **CHM 1811** Advanced Chemical Lab Pract 1 (4 QH) | **CHM U924** Directed Study (4 SH, Type F) |
| **CHM 1812** Advanced Chemical Lab Pract 2 (4 QH) | **CHM U924** Directed Study (4 SH, Type F) |
| **CHM 1840** Jr/Sr Honors Program (4 QH) | **CHM U970** Jr/Sr Honors Project 1 (4 SH, Type F) |
| **CHM 1841** Jr/Sr Honors Program (4 QH) | **CHM U971** Jr/Sr Honors Project 2 (4 SH, Type F) |
| **CHM 1888** Experiential Ed Directed Study (4 QH) | *No semester equivalent. Converts to departmental credit.* |

## CIV (Civil Engineering)

| | |
|---|---|
| **CIV 1188** Sci & Tech Environmental Issues (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CIV 1210** Structural Mechanics 1 (4 QH) | **CIV U221** Statics & Strength of Material (4 SH, Type A) |
| **CIV 1211** Structural Mechanics 2 (4 QH) | **CIV U221** Statics & Strength of Material (4 SH, Type A) |
| **CIV 1220** Structural Analysis 1 (4 QH) | **CIV U320** Structural Analysis 1 (4 SH, Type A) |
| **CIV 1222** Structural Analysis 2 (4 QH) | **CIV U522** Structural Analysis 2 (4 SH, Type A) |
| **CIV 1226** Structural Analysis Lab (2 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CIV 1240** Concrete Design 1 (4 QH) | **CIV U324** Reinforced Concrete Design 1 (4 SH, Type A) |
| **CIV 1241** Concrete Design 2 (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CIV 1250** Steel Design 1 (4 QH) | **CIV U425** Steel Design (4 SH, Type A) |
| **CIV 1251** Steel Design 2 (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CIV 1295** Structural Design Project (4 QH) | **CIV U769** Senior Design Project (5 SH, Type E) |
| **CIV 1310** Fluid Mechanics (4 QH) | **CIV U331** Fluid Mechanics (4 SH, Type A) |
| **CIV 1320** Hydraulic and Hydrologic Eng'g (4 QH) | **CIV U536** Hydrologic Engineering (4 SH, Type A) |
| **CIV 1340** Environmental Engineering 1 (4 QH) | **CIV U334** Environmental Eng'g 1 (4 SH, Type A) |
| **CIV 1341** Environmental Engineering 2 (4 QH) | **CIV U534** Environmental Engineering 2 (4 SH, Type C)<br>*and* **CIV U535** Lab for CIV U534 (1 SH, Type B) |
| **CIV 1350** Environmental & Hydraulics Lab (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CIV 1370** Air Pollution (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CIV 1395** Environmental Design Project (4 QH) | **CIV U769** Senior Design Project (5 SH, Type E) |
| **CIV 1410** Soil Mechanics (4 QH) | **CIV U340** Soil Mechanics (4 SH, Type C) |
| **CIV 1411** Soil Mechanics Lab (2 QH) ✻ | **CIV U341** Lab for CIV U340 (1 SH, Type B) |
| **CIV 1420** Foundation Engineering (4 QH) | **CIV U542** Foundation Engineering (4 SH, Type A) |
| **CIV 1495** Geotechnical Design Project (4 QH) | **CIV U769** Senior Design Project (5 SH, Type E) |
| **CIV 1510** Materials (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CIV 1620** Engineering Measurements (4 QH) ✻ | **CIV U260** Civil Engineering Materials (3 SH, Type C) |
| **CIV 1511** Materials Laboratory (2 QH)<br>*with* **CIV 1621** Engineering Measurements Lab (2 QH) ✻ | **CIV U261** Materials Lab (2 SH, Type B) |
| *alone* ✻ | **CIV U262** Materials Lab PTE (1 SH, Type B) |
| **CIV 1530** Transportation Analysis & Planng (4 QH) | **CIV U553** Transport Analysis & Planning (4 SH, Type A) |
| **CIV 1540** Highway Engineering (4 QH) | **CIV U554** Highway Engineering (4 SH, Type A) |
| **CIV 1550** Construction Management (4 QH) | **CIV U575** Construction Management (3 SH, Type A) |
| **CIV 1595** Transportation Design Project (4 QH) | **CIV U769** Senior Design Project (5 SH, Type E) |
| **CIV 1620** Engineering Measurements (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CIV 1510** Materials (4 QH) ✻ | **CIV U260** Civil Engineering Materials (3 SH, Type C) |

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|---|---|
| **CIV 1621** Engineering Measurements Lab (2 QH) ✻ *alone* | **CIV U263** Measurement Lab (1 SH, Type B) |
| *with* **CIV 1511** Materials Laboratory (2 QH) ✻ | **CIV U261** Materials Lab (2 SH, Type B) |
| **CIV 1640** Applied Probability Theory CE (4 QH) | **CIV U464** Prob & Eng'g Economy for CE (4 SH, Type A) |
| **CIV 1665** Professional Issues for CE (1 QH) | **CIV U500** Professional Issues in Eng (1 SH, Type A) |
| **CIV 1695** Senior Design Project (8 QH) ✻ | **CIV U769** Senior Design Project (5 SH, Type E) |
| **CIV 1696** Independent Sr Design Proj (8 QH) ✻ | **CIV U769** Senior Design Project (5 SH, Type E) |
| **CIV 1777** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CIV 1778** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CIV 1796** Indpndnt Study/Research - Honor 1 (4 QH) | **CIV U970** Jr/Sr Honors Project 1 (4 SH, Type F) |
| **CIV 1797** Indpndnt Study/Research - Honor 2 (4 QH) | **CIV U971** Jr/Sr Honors Project 2 (4 SH, Type F) |
| **CIV 1810** Special Topics in Civil Eng'g (4 QH) | **CIV U699** Special Topics in Civ Eng (4 SH, Type A) |
| **CIV 1820** Special Project in Civil Eng'g (4 QH) | **CIV U924** Directed Study (4 SH, Type F) |
| **CIV 1821** Special Project in Civil Eng'g (2 QH) | **CIV U922** Directed Study (2 SH, Type F) |

# CJ (Criminal Justice)

| | |
|---|---|
| **CJ 1001** Critical Issues in CJ 1 (2 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1002** Critical Issues in CJ 2 (2 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1004** Freshman Seminar (4 QH) ✻ | **CJ U100** College: An Introduction (1 SH, Type A) |
| **CJ 1005** Freshman Seminar 1 (1 QH) | **CJ U100** College: An Introduction (1 SH, Type A) |
| **CJ 1006** Freshman Seminar 2 (1 QH) | **CJ U100** College: An Introduction (1 SH, Type A) |
| **CJ 1007** Freshman Seminar (1 QH) | **CJ U100** College: An Introduction (1 SH, Type A) |
| **CJ 1101** Admin of Criminal Justice (4 QH) | **CJ U101** Intro to Criminal Justice (4 SH, Type A) |
| **CJ 1112** Critical Issues in CJ (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1151** Intro to Law & Legal Process 1 (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1152** Intro to Law & Legal Process 2 (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1160** Diversity in Criminal Justice (4 QH) | **CJ U102** Ethics, Values and Diversity (4 SH, Type A) |
| **CJ 1201** Criminology (4 QH) | **CJ U120** Criminology (4 SH, Type A) |
| **CJ 1251** Intro to Criminal Law (4 QH) | **CJ U310** Criminal Law (4 SH, Type A) |
| **CJ 1252** Criminal Due Process (4 QH) | **CJ U110** Criminal Due Process (4 SH, Type A) |
| **CJ 1253** Intro to Criminal Courts (4 QH) | **CJ U515** Courts and Sentencing (4 SH, Type A) |
| **CJ 1254** Civil Liability in CJ (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1255** Introduction to Juvenile Law (4 QH) | **CJ U510** Juvenile Law (4 SH, Type A) |
| **CJ 1301** Introduction to Security (4 QH) | **CJ U340** Security (4 SH, Type A) |
| **CJ 1302** Theories of Investigation (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1311** White Collar Crime (4 QH) | **CJ U576** Corporate & White Collar Crime (4 SH, Type A) |
| **CJ 1312** Organized Crime (4 QH) | **CJ U574** Organized Crime (4 SH, Type A) |
| **CJ 1314** Security Mgmt & Supervision (4 QH) | **CJ U540** Security Management, Supervis (4 SH, Type A) |
| **CJ 1318** Terrorism (4 QH) | **CJ U575** Political Crime and Terrorism (4 SH, Type A) |
| **CJ 1319** Legal Aspects of Security Mgmt (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1320** Service Industry Security (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1401** Police Administration & Mgmt (4 QH) | **CJ U350** Policing (4 SH, Type A) |
| **CJ 1411** Police Strategy (4 QH) | **CJ U550** Police Strategy (4 SH, Type A) |
| **CJ 1424** Seminar in Policing (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1426** Topics in Policing (4 QH) | **CJ U402** Topics in Policing (4 SH, Type A) |
| **CJ 1427** Topics in Criminal Justice (4 QH) | **CJ U400** Topics in Criminal Justice (4 SH, Type A) |
| **CJ 1428** Topics in Criminal Justice (4 QH) | **CJ U400** Topics in Criminal Justice (4 SH, Type A) |
| **CJ 1429** Topics in Criminal Justice (4 QH) | **CJ U400** Topics in Criminal Justice (4 SH, Type A) |
| **CJ 1430** Topics in Criminal Justice (4 QH) | **CJ U400** Topics in Criminal Justice (4 SH, Type A) |
| **CJ 1453** CJ Research Methods (4 QH) | **CJ U380** Criminal Justice Research Meth (4 SH, Type A) |
| **CJ 1454** Criminal Justice Statistics (4 QH) | **CJ U382** Criminal Justice Statistics (4 SH, Type A) |
| **CJ 1511** Survey - Criminal Evidence (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1512** Seminar in Law & Crim Justice (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1513** Criminal Homicide (4 QH) | **CJ U570** Criminal Violence (4 SH, Type A) |
| **CJ 1601** Prisons & Corrections (4 QH) | **CJ U330** Corrections (4 SH, Type A) |
| **CJ 1612** Juvenile Justice (4 QH) | **CJ U360** Juvenile Justice (4 SH, Type A) |
| **CJ 1613** Probation & Parole (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1615** Crime & CJ: A Comparative View (4 QH) | **CJ U522** Comparative Criminal Justice (4 SH, Type A) |
| **CJ 1616** Gender & Justice (4 QH) | **CJ U500** Gender, Crime and Justice (4 SH, Type A) |
| **CJ 1618** Victims of Crime (4 QH) | **CJ U578** Victims of Crime (4 SH, Type A) |
| **CJ 1622** Alternatives to Incarceration (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1701** Honors Project 1 (4 QH) | **CJ U970** Jr/Sr Honors Project 1 (4 SH, Type F) |

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| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CJ 1702** Honors Project 2 (4 QH) | **CJ U971** Jr/Sr Honors Project 2 (4 SH, Type F) |
| **CJ 1706** Honors Seminar (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1707** Honors Seminar (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1721** Intermediate Sanctions - Honrs (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1722** Sex Offender Management - Honrs (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1723** Correctional Administration - Honors (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CJ 1751** Criminal Law - Honors (4 QH) | **CJ U310** Criminal Law (4 SH, Type A) |
| **CJ 1752** Due Process - Honors (4 QH) | **CJ U110** Criminal Due Process (4 SH, Type A) |
| **CJ 1777** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CJ 1778** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CJ 1801** Directed Study (4 QH) | **CJ U924** Directed Study (4 SH, Type F) |
| **CJ 1802** Directed Study (4 QH) | **CJ U924** Directed Study (4 SH, Type F) |
| **CJ 1803** Directed Study (4 QH) | **CJ U924** Directed Study (4 SH, Type F) |
| **CJ 1804** Directed Study (4 QH) | **CJ U924** Directed Study (4 SH, Type F) |

# CMN (Communication Studies)

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|---|---|
| **CMN 1001** College: An Introduction (1 QH) | **CMN U100** College: An Introduction (1 SH, Type A) |
| **CMN 1110** Voice & Articulation (4 QH) | **CMN U312** Voice & Articulation (4 SH, Type A) |
| **CMN 1111** Oral Interpretation of Lit (4 QH) | **CMN U511** Oral Interpretation of Lit (4 SH, Type A) |
| **CMN 1115** Foundations of Communication (4 QH) | **CMN U101** Intro Communication Studies (4 SH, Type A) |
| **CMN 1116** Public Speaking (4 QH) | **CMN U112** Public Speaking (4 SH, Type A) |
| **CMN 1232** Communication & Gender (4 QH) | **CMN U304** Communication and Gender (4 SH, Type A) |
| **CMN 1239** Argumentation & Debate (4 QH) | **CMN U311** Argumentation&Debate (4 SH, Type A) |
| **CMN 1240** Adv Studies in Speech Perform (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CMN 1250** Media, Culture & Society (4 QH) | **CMN U220** Media, Culture, and Society (4 SH, Type A) |
| **CMN 1300** Intro Communication Theory (4 QH) | **CMN U320** Theories of Media &Culture (4 SH, Type A) |
| **CMN 1310** Classical Age Speech & Rhetoric (4 QH) | **CMN U310** Classical Age of Speech & Rhet (4 SH, Type A) |
| **CMN 1315** Theories of Persuasion (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CMN 1317** Media Audiences (4 QH) | **CMN U422** Media Audiences (4 SH, Type A) |
| **CMN 1318** Negotiation Skills (4 QH) | **CMN U532** Theories of Conflict and Neg. (4 SH, Type A) |
| **CMN 1330** Interpersonal Communication 1 (4 QH) | **CMN U230** Interpersonal Communication (4 SH, Type A) |
| **CMN 1331** Adv Interpersonal Communicatn (4 QH)<br>*with* **CMN 1555** Communication & Quality of Life (4 QH) ✻ | **CMN U530** Communication &Quality of Life (4 SH, Type A) |
| *alone* | **CMN U530** Communication &Quality of Life (4 SH, Type A) |
| **CMN 1338** Group Discussion (4 QH) | **CMN U534** Group Communication (4 SH, Type A) |
| **CMN 1415** Persuasion in Contemp Culture (4 QH) | **CMN U510** Persuasion in Contemp Culture (4 SH, Type A) |
| **CMN 1430** Organizational Communication (4 QH) | **CMN U231** Princ of Organizational Com (4 SH, Type A) |
| **CMN 1431** Adv Organizational Communicatn (4 QH) | **CMN U531** Advanced Organizational Comm (4 SH, Type A) |
| **CMN 1437** Consultation Skills (4 QH) | **CMN U533** Consultation Skills (4 SH, Type A) |
| **CMN 1450** Television Studio Production (4 QH) | **CMN U520** Television Studio Production (4 SH, Type E) |
| **CMN 1451** Found of Electronic Media (4 QH) | **CMN U423** Found of Electronic Media (4 SH, Type A) |
| **CMN 1452** Radio Production (4 QH) | **CMN U420** Audio Production (4 SH, Type E) |
| **CMN 1453** Broadcast Management (4 QH)<br>*with* **CMN 1454** Programming for Radio & TV (4 QH) ✻ | **CMN U424** Broadcasting Management &Prog (4 SH, Type A) |
| *alone* | **CMN U424** Broadcasting Management &Prog (4 SH, Type A) |
| **CMN 1454** Programming for Radio & TV (4 QH)<br>*with* **CMN 1453** Broadcast Management (4 QH) ✻ | **CMN U424** Broadcasting Management &Prog (4 SH, Type A) |
| *alone* | **CMN U424** Broadcasting Management &Prog (4 SH, Type A) |
| **CMN 1455** Television Field Production (4 QH) | **CMN U620** TV Field Production (4 SH, Type E) |
| **CMN 1500** Special Topics - Comm Studies (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CMN 1554** Special Topics - Media (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CMN 1555** Communication & Quality of Life (4 QH)<br>*with* **CMN 1331** Adv Interpersonal Communicatn (4 QH) ✻ | **CMN U530** Communication &Quality of Life (4 SH, Type A) |
| *alone* | **CMN U530** Communication &Quality of Life (4 SH, Type A) |
| **CMN 1600** Intro Communication Research (4 QH) | **CMN U301** Methods and Research in Com (4 SH, Type A) |
| **CMN 1610** Rhetorical Criticism (4 QH) | **CMN U410** Rhetorical Theory &Criticism (4 SH, Type A) |
| **CMN 1620** Television Criticism (4 QH) | **CMN U321** Television: Text &Context (4 SH, Type A) |
| **CMN 1650** Senior Seminar Communications (4 QH) | **CMN U901** Senior Sem in Communications (4 SH, Type D) |
| **CMN 1750** Media, Culture and Society Honors (4 QH) | **CMN U220** Media, Culture, and Society (4 SH, Type A) |

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| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CMN 1777** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CMN 1800** Junior/Senior Honors Program (4 QH) | **CMN U970** Jr/Sr Honors Project 1 (4 SH, Type F) |
| **CMN 1801** Junior/Senior Honors Program (4 QH) | **CMN U971** Jr/Sr Honors Project 2 (4 SH, Type F) |
| **CMN 1802** Junior/Senior Honors Program (4 QH) | **CMN U970** Jr/Sr Honors Project 1 (4 SH, Type F) |
| **CMN 1803** Junior/Senior Honors Program (4 QH) | **CMN U971** Jr/Sr Honors Project 2 (4 SH, Type F) |
| **CMN 1890** Directed Study (4 QH) | **CMN U924** Directed Study (4 SH, Type F) |
| **CMN 1891** Directed Study (4 QH) | **CMN U924** Directed Study (4 SH, Type F) |
| **CMN 1893** Directed Study (1 QH) | **CMN U921** Directed Study (1 SH, Type F) |
| **CMN 1894** Directed Study (2 QH) | **CMN U922** Directed Study (2 SH, Type F) |
| **CMN 1895** Internship - Speech Communicatn (4 QH) | **CMN U944** Internship in Communication (4 SH, Type G) |
| **CMN 1899** Advanced Television Production (4 QH) | **CMN U699** Advanced Television Production (4 SH, Type E) |

# COM (Computer Science)

| | |
|---|---|
| **COM 1100** Fundamentals Computer Science (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **COM 1101** Algorithms & Data Structures 1 (4 QH) ✻ | **CS U211** Fundamentals Computer Sci 1 (4 SH, Type A) |
| **COM 1101** Algorithms & Data Structures 1 (4 QH) *alone* | **CS U215** Algorithms, Data Structure Eng (4 SH, Type C) *and* **CS U216** Lab for CS U216 (1SH, Type B) |
| *with* **COM 1100** Fundamentals Computer Science (4 QH) ✻ | **CS U211** Fundamentals Computer Sci 1 (4 SH, Type C) *and* **CS U212** Lab for CS U216 (1SH, Type B) |
| **COM 1102** Functional Programming & Appls (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1105** Computer Sci & Its Application (4 QH) | **CS U101** CS & its Applications (4 SH, Type C) *and* **CS U102** CS Applications Lab (0 SH, Type B) |
| **COM 1121** Overview 1 (1 QH) | **CS U221** Comp/Info Science Overview 1 (1 SH, Type A) |
| **COM 1122** Overview 2 (1 QH) | **CS U222** Comp/Info Science Overview 2 (1 SH, Type A) |
| **COM 1130** Computer Organization & Program 1 (4 QH) | **CS U380** Computer Organization (4 SH, Type A) |
| **COM 1160** Programming Using Visual Tools (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1201** Algorithms & Data Structures 2 (4 QH) | **CS U213** Fundamentals Computer Sci 2 (4 SH, Type C) *and* **CS U214** Lab for CS U213 (1SH, Type B) |
| **COM 1204** Object-Oriented Design (4 QH) | **CS U370** Object-Oriented Design (4 SH, Type A) |
| **COM 1205** Software Design & Development (4 QH) | **CS U670** Software Development (4 SH, Type A) |
| **COM 1230** UNIX & Internet Tools (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1315** Database Design (4 QH) | **CS U430** Database Design (4 SH, Type A) |
| **COM 1317** Transaction Processing Systems (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1330** Operating Systems Concepts (4 QH) | **CS U480** Systems & Networks (4 SH, Type A) |
| **COM 1335** Advanced Operating Systems (4 QH) | **CS U680** Topics in Operating Systems (4 SH, Type A) |
| **COM 1337** Computer Communication Network (4 QH) | **CS U650** Topics in Computer Networks (4 SH, Type A) |
| **COM 1340** Recursive Thinking (1 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1350** Automata & Formal Language (4 QH) | **CS U390** Theory of Computation (4 SH, Type A) |
| **COM 1355** Compiler Design 1 (4 QH) | **CS U665** Compilers (4 SH, Type A) |
| **COM 1358** Analy of Programming Languages (4 QH) | **CS U660** Programming Languages (4 SH, Type A) |
| **COM 1370** Computer Graphics (4 QH) | **CS U540** Computer Graphics (4 SH, Type A) |
| **COM 1390** Analysis of Algorithms (4 QH) | **CS U690** Algorithms & Data (4 SH, Type A) |
| **COM 1391** Data (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1400** Data Parallel Computing (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1410** Artificial Intelligence (4 QH) | **CS U520** Artificial Intelligence (4 SH, Type A) |
| **COM 1420** Prin & Mthds Interactive Sys Dsg (4 QH) | **IS U570** Human Computer Interaction (4 SH, Type A) |
| **COM 1621** Computer Science Seminar (1 QH) | **CS U600** Senior Seminar (1 SH, Type D) |
| **COM 1721** Honors Freshman Seminar 1 (1 QH) | *No semester equivalent. Converts to departmental credit.* |
| **COM 1722** Honors Freshman Seminar 2 (1 QH) | **CS U231** Honors Freshman Seminar 1 (1 SH, Type D) |
| **COM 1723** Honors Freshman Seminar 3 (1 QH) | **CS U232** Honors Freshman Seminar 2 (1 SH, Type D) |
| **COM 1725** Honors Project 1 (4 QH) | **CS U970** Jr/Sr Honors Project 1 (4 SH, Type F) |
| **COM 1726** Honors Project 2 (4 QH) | **CS U971** Jr/Sr Honors Project 2 (4 SH, Type F) |
| **COM 1741** Honors Project 1 (4 QH) | **CS U970** Jr/Sr Honors Project 1 (4 SH, Type F) |
| **COM 1742** Honors Project 2 (4 QH) | **CS U971** Jr/Sr Honors Project 2 (4 SH, Type F) |
| **COM 1770** Computer Science Seminar - Honors (4 QH) | **CS U610** Honors Senior Seminar (4 SH, Type D) |
| **COM 1777** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **COM 1778** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **COM 1779** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **COM 1800** Directed Study Computer Sci (4 QH) | **CS U924** Directed Study (4 SH, Type F) |
| **COM 1805** Readings (2 QH) | **CS U922** Directed Study (2 SH, Type F) |

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| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **COM 1810** Topics in Computer Science (4 QH) | **CS U900** Computer Science Topics (4 SH, Type A) |
| **COM 1820** Undergraduate Thesis (4 QH) | **CS U700** Computer Science Thesis (4 SH, Type F) |
| **COM 1821** Comp Sci UG Thesis Continuation (4 QH) | **CS U701** CS Thesis Continuation (4 SH, Type F) |
| **COM 1830** Undergraduate Project (4 QH) | **CS U910** Computer Science Project (4 SH, Type F) |
| **COM 1831** Undergrad Project Continuation (4 QH) | **CS U910** Computer Science Project (4 SH, Type F) |

## COP (Cooperative Education)

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|---|
| *Converts to Cooperative Education credit.* |

## CPS (Cardiopulmonary and Exercise Sciences)

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|---|---|
| **CPS 1111** Cardiopulmonary Sci Seminar 1 (1 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1112** Cardiopulmonary Sci Seminar 2 (1 QH) ✻ | **CES U101** Cardiopul & Exercise Sem 1 (1 SH, Type D) |
| **CPS 1112** Cardiopulmonary Sci Seminar 2 (1 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1111** Cardiopulmonary Sci Seminar 1 (1 QH) ✻ | **CES U101** Cardiopul & Exercise Sem 1 (1 SH, Type D) |
| **CPS 1113** Cardiopulmonary Sci Seminar 3 (1 QH) | **CES U201** Cardiopul & Exercise Sem 2 (1 SH, Type D) |
| **CPS 1115** Basic Life Support & Cardiac Asmt (2 QH) | **CES U202** Basic Clinical Skills (3 SH, Type B) |
| **CPS 1116** CPS Seminar (1 QH) | **CES U101** Cardiopul & Exercise Sem 1 (1 SH, Type D) |
| **CPS 1211** Respiratory Care Practicum 1 (4 QH) | **CES U945** Practicum, Respiratory Ther 1 (4 SH, Type G) |
| **CPS 1301** Professional Practice Lab 1 (1 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1302** Professional Practice Lab 2 (1 QH) ✻ | **CES U601** Lab for CES U600 (1 SH, Type B) |
| **CPS 1302** Professional Practice Lab 2 (1 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1301** Professional Practice Lab 1 (1 QH) ✻ | **CES U601** Lab for CES U600 (1 SH, Type B) |
| **CPS 1314** Respiratory Care Practicum 2 (6 QH) | **CES U946** Practicum, Respiratory Ther 2 (6 SH, Type G) |
| **CPS 1315** Respiratory Care Practicum 3 (6 QH) | **CES U947** Practicum, Respiratory Ther 3 (6 SH, Type G) |
| **CPS 1320** Adv Cardiopulmonary Physiology (4 QH) | **CES U300** CP Physiology & Pathophysio (4 SH, Type A) |
| **CPS 1321** Cardiolpulmonary Disease (4 QH) | **CES U302** Cardiopulmonary Disease (4 SH, Type A) |
| **CPS 1332** Respiratory Care (4 QH) | **CES U600** Fund Respiratory Therapy (4 SH, Type C) |
| **CPS 1403** Professional Practice Lab 3 (1 QH) | **CES U603** Lab for CES U602 (1 SH, Type B) |
| **CPS 1404** Professional Practice Lab 4 (1 QH) | **CES U605** Lab for CES U604 (1 SH, Type B) |
| **CPS 1408** Research Design (4 QH) | **CES U400** Statistics & Research Design (4 SH, Type A) |
| **CPS 1414** Clinical Seminar 1 (1 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1415** Clinical Seminar 2 (1 QH or 2 QH) ✻ | **CES U910** Clinical Seminar, Respir Ther (1 SH, Type D) |
| **CPS 1415** Clinical Seminar 2 (1 QH or 2 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1414** Clinical Seminar 1 (1 QH) ✻ | **CES U910** Clinical Seminar, Respir Ther (1 SH, Type D) |
| **CPS 1433** Resp Care for Med & Surg Patient (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1434** Resp Care for Critical Patient (4 QH) ✻ | **CES U602** Adv Respiratory Therapy (4 SH, Type C) |
| **CPS 1434** Resp Care for Critical Patient (4 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 1433** Resp Care for Med & Surg Patient (4 QH) ✻ | **CES U602** Adv Respiratory Therapy (4 SH, Type C) |
| **CPS 1516** Advanced Clinical Seminar 1 (1 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1517** Advanced Clinical Seminar 2 (1 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1518** Advanced Clinical Seminar 3 (1 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1570** Fundamentals of Perfusion Tech (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1571** Adv Life Support Systems 1 (4 QH) | **CES U606** Adv Cardiac Life Support (3 SH, Type B) |
| **CPS 1572** Perfusion Technology (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1576** Neonatal & Pediatric Resp Care (4 QH) | **CES U604** Neonatal/Ped Respiratory Thera (3 SH, Type C) |
| **CPS 1578** Advanced Medical Monitoring (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1611** Kinesiology (4 QH) | **CES U504** Clinical Kinesiology (4 SH, Type C)<br>*and* **CES U505** Lab for CES U504 (1 SH, Type B) |
| **CPS 1612** Exercise Physiology (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1613** Lab Clinical Exercise Test & Pre (4 QH)<br>*with* **CPS 1619** Exercise Prescript & Prog in CVH (4 QH) ✻ | **CES U502** Exercise Testing & Prescript (4 SH, Type C) |
| *alone* | **CES U502** Exercise Testing & Prescript (4 SH, Type C) |
| **CPS 1614** Electrocardiography (4 QH) | *No semester equivalent. Converts to departmental credit.* |

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F = Individualized Instruction G = Approved/Supervised Off-Campus I = Case/Lecture R = Recitation/Discussion

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| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CPS 1615** Exercise Physiology 1 (5 QH) | **CES U500** Exercise Physiology 1 (4 SH, Type C)<br>*and* **CES U501** Lab for CES U500 (1 SH, Type B) |
| **CPS 1616** Exercise Physiology 2 (4 QH) | **CES U520** Exercise Physiology 2 (3 SH, Type A) |
| **CPS 1617** Cardiopulminary Assessment (4 QH) | **CES U301** Cardiopulmonary Assessment (4 SH, Type A) |
| **CPS 1618** Cardiopulmonary Assessment (5 QH) | **CES U301** Cardiopulmonary Assessment (4 SH, Type A) |
| **CPS 1619** Exercise Prescript & Prog in CVH (4 QH)<br>*with* **CPS 1613** Lab Clinical Exercise Test & Pre (4 QH) ✻ | **CES U502** Exercise Testing & Prescript (4 SH, Type C) |
| *alone* | **CES U502** Exercise Testing & Prescript (4 SH, Type C) |
| **CPS 1620** Exercise Physiology Lab (1 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1622** Clinical Exercise Phys Pract 1 (6 QH) | **CES U940** Practicum, Exercise Physio 1 (6 SH, Type G) |
| **CPS 1623** Clinical Exercise Phys Pract 2 (6 QH) | **CES U941** Practicum, Exercise Physio 2 (6 SH, Type G) |
| **CPS 1624** Clinical Seminar (1 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1625** Adm Cardiopulmonary Rehab Prog (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1632** Health Science Education (4 QH) | **CES U506** Health Promotion & Prog Plan (4 SH, Type A) |
| **CPS 1641** Fundmntls Cardiac Catheteriztn (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1642** Advanced Cardiac Catheteriztn (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1643** Echocardiography (4 QH) | **CES U508** Echocardiography (4 SH, Type C)<br>*and* **CES U509** Lab for CES U508 (1 SH, Type B) |
| **CPS 1644** Cardiovascular Tech Internship (6 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1645** Cardiovascular Tech Pract 2 (6 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 1777** Honors Adjunct (1 QH) | *No semester equivalent. Converts to honors credit.* |
| **CPS 1801** Directed Study 1 (2 QH) | **CES U922** Directed Study (2 SH, Type F) |
| **CPS 1802** Directed Study 2 (2 QH) | **CES U922** Directed Study (2 SH, Type F) |
| **CPS 1803** Directed Study 3 (6 QH) | **CES U701** Sr Thesis, Exercise Physio 1 (6 SH, Type F) |
| **CPS 1804** Directed Study 4 (6 QH) | **CES U702** Sr Thesis, Exercise Physio 2 (6 SH, Type F) |
| **CPS 1866** Special Problems (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 3420** Medical Monitoring (3 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 3565** Pharmacology in Cardiacsurgery (3 QH) ✻ | **CES G252** Med Monitoring/Pharmacology (3 SH, Type A) |
| **CPS 3425** Perfusion Technology (3 QH) | **CES G251** Perfusion Technology 2 (3 SH, Type A) |
| **CPS 3510** Appl Statistics for Hlth Prof (3 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 3520** Fundamentals of Perfusion Tech (3 QH) | **CES G250** Perfusion Technology 1 (3 SH, Type A) |
| **CPS 3550** Research Design & Methodology (3 QH) | **CES G663** Research Design & Methodology (3 SH, Type A) |
| **CPS 3556** Nutrition (3 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 3560** Admin of Cardiopulmonary Rehab (3 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 3565** Pharmacology in Cardiacsurgery (3 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 3420** Medical Monitoring (3 QH) ✻ | **CES G252** Med Monitoring/Pharmacology (3 SH, Type A) |
| **CPS 3625** Echocardiography (3 QH) | **CES G223** Echocardiography (3 SH, Type C) |
| **CPS 3630** Perfusion Technology Lab (2 QH) | **CES G253** Perfusion Laboratory (3 SH, Type B) |
| **CPS 3640** Advanced Perfusion Applictns (3 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 3661** Life Support Technology (3 QH) ✻ | **CES G255** Perfusion Colloquium 2 (3 SH, Type D) |
| **CPS 3657** Health Promotion Program Plan (3 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 3658** Advanced Exercise Physiology (3 QH) | **CES G220** Exercise Physiology (3 SH, Type C) |
| **CPS 3660** Exercise in Health & Disease (3 QH) | **CES G222** Exercise in Health and Disease (3 SH, Type A) |
| **CPS 3661** Life Support Technology (3 QH) *alone* | *No semester equivalent. Converts to departmental credit.* |
| *with* **CPS 3640** Advanced Perfusion Applictns (3 QH) ✻ | **CES G255** Perfusion Colloquium 2 (3 SH, Type D) |
| **CPS 3662** Advanced Cardiac Life Support (3 QH) | **CES G224** Cardiac Life Support (3 SH, Type C) |
| **CPS 3664** Electrocardiography (3 QH) | **CES G202** Electrocardiography (3 SH, Type A) |
| **CPS 3670** Lab in Exercise Testing (3 QH) ✻ | **CES G221** Clinical CP Exercise Testing (2 SH, Type C) |
| **CPS 3673** Adv Cardiopulmonary Physiology (3 QH) | **CES G200** Cardiopulm Physio (3 SH, Type A) |
| **CPS 3675** Cardiovascular Pharmocodynamic (3 QH) | **CES G203** Clinical Pharmacology (3 SH, Type A) |
| **CPS 3676** Cardiopulmonary Pathophysiolgy (3 QH) | **CES G201** Cardiopulm Pathophysiology (3 SH, Type C) |
| **CPS 3677** Current Topics in Perfusion (3 QH) | **CES G254** Perfusion Colloquium 1 (3 SH, Type D) |
| **CPS 3680** Musculoskeletal Pathophys & Path (3 QH) | **CES G230** Musculoskeletal Pathophysio (3 SH, Type A) |
| **CPS 3681** Musculoskeletal Assmnt Expresc (3 QH) ✻ | **CES G231** Musculoskeletal Assessment (2 SH, Type C) |
| **CPS 3798** Master's Thesis Continuation (0 QH) | **CES G699** Masters Thesis Cont. (0 SH, Type F) |
| **CPS 3801** Thesis Project 1 (3 QH) | **CES G691** Thesis 1 (3 SH, Type F) |
| **CPS 3802** Thesis Project 2 (3 QH) | **CES G692** Thesis 2 (3 SH, Type F) |
| **CPS 3851** Internship Clinical Ex Phys 1 (3 QH) | **CES G401** Clin Ex Physio Intern 1 (3 SH, Type G) |

**Credit hours:** SH = Semester hours QH = Quarter hours ✻ = Will result in excess semester credit
**Course types:** A = Lecture (only) B = Lab (only) C = Lecture with Lab or Coreq D = Seminar E = Studio
F = Individualized Instruction G = Approved/Supervised Off-Campus I = Case/Lecture R = Recitation/Discussion

**See your academic adviser for transition planning.**

| Quarter Course(s) | Equivalent Semester Course(s) |
|---|---|
| **CPS 3852** Internship Clinical Ex Phys 2 (3 QH) | **CES G402** Clin Ex Physio Intern 2 (3 SH, Type G) |
| **CPS 3853** Internship Clinical Ex Phys 3 (3 QH) | **CES G403** Clin Ex Physio Intern 3 (3 SH, Type G) |
| **CPS 3854** Internship Clin Exercises Pych 4 (3 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CPS 3860** Perfusion Internship 1 (3 QH) | **CES G451** Perfusion Tech Internship 1 (3 SH, Type G) |
| **CPS 3861** Perfusion Internship 2 (3 QH) | **CES G452** Perfusion Tech Internship 2 (3 SH, Type G) |
| **CPS 3862** Perfusion Internship 3 (3 QH) | **CES G453** Perfusion Tech Internship 3 (3 SH, Type G) |
| **CPS 3880** Directed Study (3 QH) | **CES G503** Directed Study (3 SH, Type F) |
| **CPS 3890** Clinical Ex. Physio. Workshop (3 QH) | **CES G225** Clin Ex Physio Workshop (3 SH, Type C) |

## CRS (Counseling Psychology, Rehabilitation, and Special Education)

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|---|---|
| **CRS 1200** Introduction Special Education (4 QH) | **CAP U460** Special Education (4 SH, Type A) |
| **CRS 1314** Introduction to Counseling (4 QH) | **CAP U480** Counseling Thry & Practice (4 SH, Type A) |
| **CRS 1315** Intro Etiology & Dev Spcl Needs (4 QH) | **CAP U510** Etiology & Dev of Spec Needs (4 SH, Type A) |
| **CRS 1316** Intro Assmnt Prog Plan Spcl Ed (4 QH) | **CAP U511** Assess, Plan, Implmt Spec Ed (4 SH, Type A) |
| **CRS 1317** Practicum & Seminar Special Ed (8 QH) ✻ | **CAP U947** Practicum & Seminar in Spec Ed (4 SH, Type G) |
| **CRS 1318** Inclusion Practicum in Special Education (4 QH) | *No semester equivalent. Converts to departmental credit.* |
| **CRS 1500** Mental Health & Counseling (4 QH) | **CAP U485** Mental Health & Counseling (4 SH, Type A) |
| **CRS 1503** Human Sexuality (4 QH) | **CAP U505** Human Sexuality (4 SH, Type A) |
| **CRS 1510** Health Counseling (4 QH) | **CAP U502** Health Counseling (3 SH, Type A) |
| **CRS 1800** Directed Study 1 (4 QH) | **CAP U934** Independent Study (4 SH, Type G) |

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F = Individualized Instruction G = Approved/Supervised Off-Campus I = Case/Lecture R = Recitation/Discussion

**See your academic adviser for transition planning.**