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Northeastern University

Semester Course Content Equivalencies Handbook

Office of the University Registrar

January 01, 2004

Quarter to Semester Course Content Equivalencies Table : Undergraduate Full-Time Day Programs, ACC-BIO

Northeastern University

Recommended Citation

Northeastern University, "Quarter to Semester Course Content Equivalencies Table : Undergraduate Full-Time Day Programs, ACC-BIO" (2004). *Semester Course Content Equivalencies Handbook*. Paper 1. http://hdl.handle.net/2047/d20000507

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Semester Course Content Equivalencies Handbook

Undergraduate Full-Time Day Programs

Quarter to Semester Course Content Equivalencies Table: ACC-BIO

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)
ACC (Accounting)	
ACC 1111 Financial Accounting (4 QH)	**ACC U201** Financial Accounting&Reporting (4 SH, Type A)
ACC 1112 Managerial Accounting (4 QH)	**ACC U301** Managerial Accounting (4 SH, Type A)
ACC 1331 Intermediate Accounting 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ACC 1332** Intermediate Accounting 2 (4 QH) ✻	**ACC U401** Financial Reporting&Analysis I (4 SH, Type A)
ACC 1332 Intermediate Accounting 2 (4 QH) *with* **ACC 1331** Intermediate Accounting 1 (4 QH) ✻	**ACC U401** Financial Reporting&Analysis I (4 SH, Type A)
alone	**ACC U401** Financial Reporting&Analysis I (4 SH, Type A)
ACC 1339 Cost Accounting 1 (4 QH)	**ACC U416** Strategic Cost Analysis (4 SH, Type A)
ACC 1343 Intermediate Accounting 3 (4 QH)	**ACC U501** Financial Reporting&Analysis 2 (4 SH, Type A)
ACC 1345 Accounting Systems (4 QH)	**ACC U403** Accounting Information Systems (4 SH, Type A)
ACC 1347 Auditing (4 QH) *with* **ACC 1521** Advanced Accounting Problems 1 (4 QH) ✻	**ACC U412** Auditing & Other Assur Srvcs (4 SH, Type A)
alone	**ACC U412** Auditing & Other Assur Srvcs (4 SH, Type A)
ACC 1351 Federal Taxes 1 (4 QH) *with* **ACC 1512** Federal Income Taxes 2 (4 QH) ✻	**ACC U414** Income Tax Determination (4 SH, Type A)
alone	**ACC U414** Income Tax Determination (4 SH, Type A)

Credit hours: SH = Semester hours QH = Quarter hours ✻ = Will result in excess semester credit
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Quarter Course(s)	Equivalent Semester Course(s)
ACC 1512 Federal Income Taxes 2 (4 QH) *with* **ACC 1351** Federal Taxes 1 (4 QH) ✻	**ACC U414** Income Tax Determination (4 SH, Type A)
alone	**ACC U414** Income Tax Determination (4 SH, Type A)
ACC 1521 Advanced Accounting Problems 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ACC 1347** Auditing (4 QH) ✻	**ACC U412** Auditing & Other Assur Srvcs (4 SH, Type A)
ACC 1591 Independent Study (1 QH)	**ACC U921** Directed Study (1 SH, Type F)
ACC 1592 Independent Study (2 QH)	**ACC U922** Directed Study (2 SH, Type F)
ACC 1593 Independent Study (3 QH)	**ACC U923** Directed Study (3 SH, Type F)
ACC 1594 Independent Study (4 QH)	**ACC U924** Directed Study (4 SH, Type F)
ACC 1711 Accounting Principles 1 - Honors (4 QH)	**ACC U201** Financial Accounts and Reports (4 SH, Type A)
ACC 1712 Accounting Principles 2 - Honors (4 QH)	**ACC U301** Managerial Accounting (4 SH, Type A)
ACC 1777 Honors Adjunct (1 QH)	*No semester equivalent. Converts to honors credit.*
ACC 1810 Big Picture Accounting - Honors (4 QH)	**ACC U606** Big Picture Accounting (4 SH, Type A)
ACC 1812 Fraud - Dark Side of Bus - Honors (4 QH)	**ACC U602** Fraud: Dark Side of Business (4 SH, Type A)
ACC 1814 Global Financl Statement Anlys (4 QH)	**ACC U604** Global Fin Statement Analysis (4 SH, Type A)
ACC 1892 Honors Thesis (8 QH)	**ACC U970** Jr/Sr Honors Project 1 (4 SH, Type F) *and* **ACC U971** Jr/Sr Honors Project 2 (4 SH, Type F)
ACC 1894 Honors Thesis (12 QH) ✻	**ACC U970** Jr/Sr Honors Project 1 (4 SH, Type F) *and* **ACC U971** Jr/Sr Honors Project 2 (4 SH, Type F)

AFR (African-American Studies)

AFR 1001 College: An Introduction (1 QH)	**AFR U100** College: An Introduction (1 SH, Type A)
AFR 1100 Intro African-American Studies (4 QH)	**AFR U101** African-American Studies (4 SH, Type A)
AFR 1115 Epidemeology of Black Diseases (4 QH)	**AFR U424** Epidemiology in Afr Diaspora (4 SH, Type A)
AFR 1121 African-American Lit 1 (4 QH)	**AFR U663** Early African-American Lit (4 SH, Type A)
AFR 1131 Early African-American History (4 QH)	**AFR U337** Afr-Am History Before 1900 (4 SH, Type A)
AFR 1132 Recent African-American Hst (4 QH)	**AFR U338** Afr-Am History Since 1900 (4 SH, Type A)
AFR 1133 Blacks in the Media & the Press (4 QH)	**AFR U350** Hist of Blacks in Media (4 SH, Type A)
AFR 1141 Ed Issues & Minority Community (4 QH)	**AFR U485** Ed Issues/Black Community (4 SH, Type A)
AFR 1147 Black Church (4 QH) *with* **AFR 1448** Religion in Black American Soc (4 QH) ✻	**AFR U410** Rel & Spir in African Diaspora (4 SH, Type A)
alone	**AFR U410** Rel & Spir in African Diaspora (4 SH, Type A)
AFR 1151 African-American Art History (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **AFR 1200** Survey of African Art (4 QH) ✻	**AFR U500** Arts of the African Diaspora (4 SH, Type A)
AFR 1153 Survey African-American Music (4 QH)	**AFR U104** Survey of African American Mus (4 SH, Type A)
AFR 1154 Music Latin Amer & Carib (4 QH)	**AFR U131** Music of Latin America & Carib (4 SH, Type A)
AFR 1155 Foundations of Black Culture (4 QH)	**AFR U109** Foundations of Black Culture 1 (4 SH, Type A)
AFR 1156 Music of Africa (4 QH)	**AFR U128** Music of Africa (4 SH, Type A)
AFR 1161 Econ Issues Minority Community (4 QH)	**AFR U270** Ec Status of Ethnic Minority (4 SH, Type A)
AFR 1171 Survey Contemp Black Polit Move (4 QH) *with* **AFR 1470** Black Political Thought (4 QH) ✻	**AFR U344** Contemporary Black Politics (4 SH, Type A)
alone	**AFR U344** Contemporary Black Politics (4 SH, Type A)
AFR 1191 Early African Civilization (4 QH)	**AFR U390** Africa & World in Early Times (4 SH, Type A)
AFR 1193 Africa Today (4 QH)	**AFR U307** Africa Today (4 SH, Type A)
AFR 1195 Identity & Nationalism in Africa (4 QH)	**AFR U470** Identity & Nationalism in Afr (4 SH, Type A)
AFR 1196 Black Experience in the Caribbea (4 QH)	**AFR U345** The Black Experience in Caribb (4 SH, Type A)
AFR 1197 Modern African Civilization (4 QH)	**AFR U391** Modern African Civilization (4 SH, Type A)
AFR 1200 Survey of African Art (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **AFR 1200** Survey of African Art (4 QH) ✻	**AFR U500** Arts of the African Diaspora (4 SH, Type A)
AFR 1202 An Analysis of American Racism (4 QH)	**AFR U339** Analysis of American Racism (4 SH, Type A)
AFR 1211 Black Amer Sci/Tech, & Med (4 QH)	**AFR U422** Blacks in Sci & Med (4 SH, Type A)
AFR 1220 The Black Novel (4 QH)	**AFR U414** The Black Novel (4 SH, Type A)
AFR 1223 Black Poetry (4 QH)	**AFR U415** Black Poetry & the Spoken Word (4 SH, Type A)
AFR 1229 Roots: Visual/Cultural Aesthetc (4 QH)	*No semester equivalent. Converts to departmental credit.*
AFR 1231 African-American English (4 QH)	**AFR U402** African-American English (4 SH, Type A)
AFR 1233 Jazz Improvisation (4 QH)	**AFR U208** Jazz Improvisation (4 SH, Type A)
AFR 1234 Jazz Ensemble (1 QH)	**AFR U911** Jazz Ensemble (1 SH, Type A)

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Quarter Course(s)	Equivalent Semester Course(s)
AFR 1235 Black History in Boston (4 QH)	**AFR U312** Black History of Boston (4 SH, Type A)
AFR 1240 Contemp Issues Black Society (4 QH) *with* **AFR 1249** Black Community & Social Change (4 QH) ✻	**AFR U399** Black Community & Soc Change (4 SH, Type A)
alone	**AFR U399** Black Community & Soc Change (4 SH, Type A)
AFR 1241 The Black Family (4 QH)	**AFR U320** The Black Family (4 SH, Type A)
AFR 1249 Black Community & Social Change (4 QH) *with* **AFR 1240** Contemp Issues Black Society (4 QH) ✻	**AFR U399** Black Community & Soc Change (4 SH, Type A)
alone	**AFR U399** Black Community & Soc Change (4 SH, Type A)
AFR 1251 African-American Theatre (4 QH)	**AFR U220** African-American Theatre (4 SH, Type A)
AFR 1265 The Economics of Urban Poverty (4 QH)	**AFR U472** Black Consumer Trends (4 SH, Type A)
AFR 1271 Poverty & Politics (4 QH)	**AFR U360** Politics of Poverty (4 SH, Type A)
AFR 1280 Race & Social Identity (4 QH)	**AFR U367** Race and Social Identity (4 SH, Type A)
AFR 1294 Third World Political Relation (4 QH)	**AFR U441** Third World Political Relatns (4 SH, Type A)
AFR 1297 Caribbean History (4 QH)	**AFR U261** The Modern Caribbean (4 SH, Type A)
AFR 1300 Directed Study (4 QH)	**AFR U924** Directed Study (4 SH, Type F)
AFR 1301 Directed Study (4 QH)	**AFR U924** Directed Study (4 SH, Type F)
AFR 1310 Directed Study (4 QH)	**AFR U924** Directed Study (4 SH, Type F)
AFR 1324 Blacks and Jews (4 QH)	**AFR U365** Blacks and Jews (4 SH, Type A)
AFR 1342 Crisis & Conflict Black Africa (4 QH)	**AFR U460** Contemp Gov't & Pol in Africa (4 SH, Type A)
AFR 1355 Advanced Seminar (4 QH)	**AFR U700** Advanced Seminar (4 SH, Type D)
AFR 1360 Field Research Seminar (4 QH)	**AFR U533** Field Research Seminar (4 SH, Type D)
AFR 1380 Jr/ Sr Honors (4 QH)	**AFR U970** Jr/Sr Honors Project 1 (4 SH, Type F)
AFR 1401 History of East Africa (4 QH)	**AFR U607** History of East Africa (4 SH, Type A)
AFR 1403 History of West Africa (4 QH)	**AFR U608** History of West Africa (4 SH, Type A)
AFR 1405 History of South Africa (4 QH)	**AFR U609** History of South Africa (4 SH, Type A)
AFR 1415 African Languages (4 QH)	**AFR U428** African Languages (4 SH, Type A)
AFR 1421 Modern African-American Lit (4 QH)	**AFR U670** Modern African American Lit (4 SH, Type A)
AFR 1423 Seminar: Richard Wright (4 QH)	**AFR U900** Seminar:Authors in Afr Diasp (4 SH, Type D)
AFR 1425 Seminar: W.E.B. Dubois (4 QH)	**AFR U900** Seminar:Authors in Afr Diasp (4 SH, Type D)
AFR 1441 Racism - Criminal Justice (4 QH) *with* **AFR 1445** Race Racism & Amer Law (4 QH) ✻	**AFR U455** Racism & Amer Crim Just (4 SH, Type A)
alone	**AFR U455** Racism & Amer Crim Just (4 SH, Type A)
AFR 1442 African-American Women (4 QH)	**AFR U325** African-American Women (4 SH, Type A)
AFR 1445 Race Racism & Amer Law (4 QH) *with* **AFR 1441** Racism - Criminal Justice (4 QH) ✻	**AFR U455** Racism & Amer Crim Just (4 SH, Type A)
alone	**AFR U455** Racism & Amer Crim Just (4 SH, Type A)
AFR 1446 The Black Elderly in America (4 QH)	**AFR U454** Black Elderly in the Americas (4 SH, Type A)
AFR 1448 Religion in Black American Soc (4 QH) *with* **AFR 1147** Black Church (4 QH) ✻	**AFR U410** Rel & Spir in African Diaspora (4 SH, Type A)
alone	**AFR U410** Rel & Spir in African Diaspora (4 SH, Type A)
AFR 1451 Jazz (4 QH)	**AFR U112** Jazz (4 SH, Type A)
AFR 1467 Labor, Union & Black Amer (4 QH)	**AFR U458** Labor Unions & Work in Blk Soc (4 SH, Type A)
AFR 1469 Black Private Enterprise (4 QH)	**AFR U474** Black Enterprise & Corp Wrld (4 SH, Type A)
AFR 1470 Black Political Thought (4 QH) *with* **AFR 1171** Survey Contemp Black Polit Move (4 QH) ✻	**AFR U344** Contemporary Black Politics (4 SH, Type A)
alone	**AFR U344** Contemporary Black Politics (4 SH, Type A)
AFR 1471 Sem: Black Pol Leadership (4 QH)	**AFR U544** Seminar in Black Leadership (4 SH, Type D)
AFR 1475 Public Policy Analysis (4 QH)	**AFR U549** Black Americas & Public Policy (4 SH, Type A)
AFR 1480 Black Man/Black Woman (4 QH)	**AFR U185** Gender in the African Diaspora (4 SH, Type A)
AFR 1501 Special Topics (4 QH)	*No semester equivalent. Converts to departmental credit.*
AFR 1502 Topics in African-American Hst (4 QH)	**AFR U640** Topics in Afr-Am Hist (4 SH, Type D)
AFR 1558 Literature in Context (4 QH)	**AFR U588** Literature in Context (4 SH, Type A)
AFR 1575 Community Psychology Lab (4 QH)	**AFR U618** Lab in Community Psychology (4 SH, Type B)
AFR 1628 The African Diaspora (4 QH)	**AFR U392** African Diaspora (4 SH, Type A)
AFR 1777 Honors Adjunct (1 QH)	*No semester equivalent. Converts to honors credit.*
AFR 1888 Experiential Ed Dir Study (4 QH)	**AFR U954** Exp Ed Directed Study (4 SH, Type F)
AFR 1889 Experiential Ed Dir Study (4 QH)	**AFR U954** Exp Ed Directed Study (4 SH, Type F)

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Quarter Course(s)	Equivalent Semester Course(s)

AIR (Air Force ROTC)

Converts to Air Force ROTC credit.	

ARC (Architecture)

ARC 1111 Intro to World Architecture 1 (4 QH)	**ARC U111** Hist of World Architecture 1 (4 SH, Type A)
ARC 1112 Intro to World Architecture 2 (4 QH)	**ARC U112** Hist of World Architecture 2 (4 SH, Type A)
ARC 1124 Basic Drawing (4 QH)	**ART U124** Basic Drawing (4 SH, Type E)
ARC 1130 Visual Studies Foundation 1 (4 QH)	**ART U130** Visual Studies Foundation 1 (4 SH, Type E)
ARC 1131 Visual Studies Foundation 2 (4 QH)	**ART U131** Visual Studies Foundation 2 (4 SH, Type E)
ARC 1150 Architectural Design 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ARC 1151** Architectural Design 2 (4 QH)	**ARC U310** Studio 1: Site, Type, Composit (6 SH, Type E)
ARC 1151 Architectural Design 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ARC 1150** Architectural Design 1 (4 QH)	**ARC U310** Studio 1: Site, Type, Composit (6 SH, Type E)
ARC 1156 Architectural Drafting (4 QH)	**ARC U256** Manual Representation (4 SH, Type E)
ARC 1190 Intro to Computer Graphics (4 QH)	**ART U290** Introduction to Digital Tools (4 SH, Type E)
ARC 1203 Medieval Architecture (4 QH)	**ART U303** Medieval Art & Arch (4 SH, Type A)
ARC 1204 Renaissance Architecture (4 QH)	*No semester equivalent. Converts to departmental credit.*
ARC 1223 American Architecture (4 QH)	**ARC U223** American Architecture (4 SH, Type A)
ARC 1225 Modern Architecture: 19th C (4 QH)	**ARC U325** 19th C Architecture & Urbanism (4 SH, Type A)
ARC 1226 Modern Architecture: 20th C (4 QH)	**ARC U326** 20th C Architecture & Urbanism (4 SH, Type A)
ARC 1229 American House Architecture (4 QH)	**ARC U329** American Houses and Housing (4 SH, Type A)
ARC 1252 Architectural Design 3 (4 QH)	**ARC U410** Studio 3: Building Beyond City (6 SH, Type E)
ARC 1253 Architectural Design 4 (4 QH)	**ARC U311** Studio 2: Pattern & Urban Des (6 SH, Type E)
ARC 1256 Theory of Structures 1 (4 QH)	**ARC U356** Structures 1: Statics (4 SH, Type A)
ARC 1257 Theory of Structures 2 (4 QH)	**ARC U357** Structures 2: Tectonics (4 SH, Type A)
ARC 1295 Computer Aided Design (4 QH)	**ARC U257** Digital Representation (4 SH, Type E)
ARC 1296 Adv Studio Computer Visualiztn (4 QH)	**ARC U358** Modeling & Design Comm (4 SH, Type B)
ARC 1310 Seminar in Modern Architecture (4 QH)	*No semester equivalent. Converts to departmental credit.*
ARC 1341 Architectural Design 5 (6 QH)	**ARC U510** Studio 4: Housing & Aggregat (6 SH, Type E)
ARC 1342 Architectural Design 6 (6 QH)	**ARC U511** Studio 5: Tectonics (6 SH, Type E)
ARC 1352 Boston Studio 1 (6 QH)	**ARC U411** Option Studio 1 (6 SH, Type E)
ARC 1353 Boston Studio 2 (6 QH)	**ARC U412** Option Studio 2 (6 SH, Type E)
ARC 1354 Portfolio Review (1 QH)	*No semester equivalent. Converts to departmental credit.*
ARC 1355 Environmental Systems (4 QH)	**ARC U555** Environmental Systems (4 SH, Type A)
ARC 1356 Integrated Building Systems (4 QH)	**ARC U656** Integrated Building Systems (4 SH, Type A)

ARM (Army ROTC)

Converts to Army ROTC credit.	

ART (Visual Arts)

ART 1001 College: An Introduction (1 QH)	**ART U100** College: An Introduction (1 SH, Type A)
ART 1100 History of Art to 1400 (4 QH)	**ART U101** History of Art Before 1400 (4 SH, Type A)
ART 1101 History of Art Since 1400 (4 QH)	**ART U103** History of Art Since 1400 (4 SH, Type A)
ART 1106 Introduction to Art (4 QH)	**ART U106** Introduction to Art (4 SH, Type A)
ART 1111 Intro to World Architecture 1 (4 QH)	**ARC U111** Hist of World Architecture 1 (4 SH, Type A)
ART 1112 Intro to World Architecture 2 (4 QH)	**ARC U112** Hist of World Architecture 2 (4 SH, Type A)
ART 1115 Art & Society (4 QH)	**ART U115** Art and Society (4 SH, Type A)
ART 1124 Basic Drawing (4 QH)	**ART U124** Basic Drawing (4 SH, Type E)
ART 1127 Basic Painting (4 QH)	**ART U127** Basic Painting (4 SH, Type E)
ART 1130 Visual Studies Foundation 1 (4 QH)	**ART U130** Visual Studies Foundation 1 (4 SH, Type E)
ART 1131 Visual Studies Foundation 2 (4 QH)	**ART U131** Visual Studies Foundation 2 (4 SH, Type E)
ART 1132 Principles of Graphics (4 QH)	**ART U332** Design Principles and Drawing (4 SH, Type E)
ART 1133 Graphic Design 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ART 1254** Intermediate Drawing (4 QH) ✻	**ART U333** Design 1 and Drawing (4 SH, Type E)
ART 1134 Typography (4 QH)	**ART U334** Typography 1 (4 SH, Type E)

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Quarter Course(s)	Equivalent Semester Course(s)
ART 1144 Typography 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ART 1290** Electronic Publishing Design (4 QH) ✻	**ART U344** Typography 2 (4 SH, Type E)
ART 1150 Architectural Design 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ART 1151** Architectural Design 2 (4 QH)	**ARC U310** Studio 1: Site, Type, Composit (6 SH, Type E)
ART 1151 Architectural Design 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ART 1150** Architectural Design 1 (4 QH)	**ARC U310** Studio 1: Site, Type, Composit (6 SH, Type E)
ART 1156 Architectural Drafting (4 QH)	**ARC U256** Manual Representation (4 SH, Type E)
ART 1160 Introduction to Photography (4 QH)	**ART U160** Photography 1 (4 SH, Type E)
ART 1171 Animation Basics (4 QH)	**ART U175** Animation Basics (4 SH, Type E)
ART 1175 Animation Studio 1 (4 QH)	**ART U275** Animation Studio 1 (4 SH, Type E)
ART 1180 Video Basics (4 QH)	**ART U180** Video Basics (4 SH, Type E)
ART 1185 Still Digital Imaging (4 QH)	**ART U385** Still Digital Imaging (4 SH, Type E)
ART 1190 Intro to Computer Graphics (4 QH)	**ART U290** Introduction to Digital Tools (4 SH, Type E)
ART 1195 Interm Digital Photography (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1200 Ancient Architecture (4 QH)	**ART U300** Ancient Art (4 SH, Type A)
ART 1203 Medieval Architecurte (4 QH)	**ART U303** Medieval Art & Arch (4 SH, Type A)
ART 1204 Renaissance Architecture (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1205 Renaissance Art (4 QH)	**ART U305** Renaissance Art (4 SH, Type A)
ART 1210 19th Century Painting (4 QH)	**ART U310** Nineteenth Century Art (4 SH, Type A)
ART 1213 Modern Art (4 QH)	**ART U313** 20th-Century Art (4 SH, Type A)
ART 1216 Survey of African Art (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ART 1218** African-American Art History (4 QH) ✻	**ART U500** Arts of the African Diaspora (4 SH, Type A)
ART 1218 African-American Art History (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ART 1216** Survey of African Art (4 QH) ✻	**ART U500** Arts of the African Diaspora (4 SH, Type A)
ART 1219 Women in Art (4 QH)	**ART U319** Gender and the Visual Arts (4 SH, Type A)
ART 1220 American Art (4 QH)	**ART U320** American Art (4 SH, Type A)
ART 1223 American Architecture (4 QH)	**ARC U223** American Architecture (4 SH, Type A)
ART 1225 Modern Architecture: 19th C (4 QH)	**ARC U325** 19th C Architecture & Urbanism (4 SH, Type A)
ART 1226 Modern Architecture: 20th C (4 QH)	**ARC U326** 20th C Architecture & Urbanism (4 SH, Type A)
ART 1229 American House Architecture (4 QH)	**ARC U329** American Houses and Housing (4 SH, Type A)
ART 1230 History of Photography (4 QH)	**ART U330** History of Photography (4 SH, Type A)
ART 1233 Contem Direct in Photography (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1235 History of Film (4 QH)	**ART U335** History of Film (4 SH, Type A)
ART 1236 The American Film (4 QH)	**ART U336** American Film (4 SH, Type A)
ART 1237 Contemporary Direct in Cinema (4 QH)	**ART U337** Contemp Dir in Cinema (4 SH, Type A)
ART 1240 History of Graphic Design (4 QH)	**ART U240** History of Graphic Design (4 SH, Type A)
ART 1243 Graphic Design 2 (4 QH)	**ART U443** Graphic Design 2 (4 SH, Type E)
ART 1244 Graphic Design 3 (4 QH)	**ART U644** Interactive Design (4 SH, Type E)
ART 1250 Color Theory & Practice (4 QH)	**ART U350** Color in Multiple Media (4 SH, Type E)
ART 1252 Architectural Design 3 (4 QH)	**ARC U410** Studio 3: Building Beyond City (6 SH, Type E)
ART 1253 Architectural Design 4 (4 QH)	**ARC U311** Studio 2: Pattern & Urban Des (6 SH, Type E)
ART 1254 Intermediate Drawing (4 QH) *with* **ART 1133** Graphic Design 1 (4 QH) ✻	**ART U333** Design 1 and Drawing (4 SH, Type E)
alone	**ART U354** Figure Drawing (4 SH, Type E)
ART 1256 Theory of Structures 1 (4 QH)	**ARC U356** Structures 1: Statics (4 SH, Type A)
ART 1257 Theory of Structures 2 (4 QH)	**ARC U357** Structures 2: Tectonics (4 SH, Type A)
ART 1261 Interm Black & White Photography (4 QH) *with* **ART 1263** Intro to Color Photography (4 QH) ✻	**ART U360** Photography 2 (4 SH, Type E)
alone	**ART U360** Photography 2 (4 SH, Type E)
ART 1263 Intro to Color Photography (4 QH) *with* **ART 1261** Interm Black & White Photography (4 QH) ✻	**ART U360** Photography 2 (4 SH, Type E)
alone	**ART U360** Photography 2 (4 SH, Type E)
ART 1264 Color Photography 2 (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1275 Animation Studio 2 (4 QH)	**ART U375** Animation Studio 2 (4 SH, Type E)
ART 1280 Media Graphics (4 QH)	**ART U635** Time-Based Design (4 SH, Type E)
ART 1281 Video Project (4 QH)	**ART U381** Video Project (4 SH, Type E)

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Quarter Course(s)	Equivalent Semester Course(s)
ART 1285 Interarts (4 QH)	**ART U685** Interarts (4 SH, Type E)
ART 1290 Electronic Publishing Design (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ART 1144** Typography 2 (4 QH) ✻	**ART U344** Typography 2 (4 SH, Type E)
ART 1291 Intm Computer Graphic Workshop (4 QH)	**ART U691** Information Architecture (4 SH, Type E)
ART 1295 Computer Aided Design (4 QH)	**ARC U257** Digital Representation (4 SH, Type E)
ART 1296 Adv Studio Computer Visualiztn (4 QH)	**ARC U358** Modeling & Design Comm (4 SH, Type B)
ART 1305 Alternative Photo Processes (4 QH)	**ART U601** Alt Anlg & Dgtl Proc (4 SH, Type A)
ART 1310 Seminar in Modern Architecture (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1324 Thesis in Art History (4 QH)	**ART U700** Thesis (4 SH, Type F)
ART 1330 Advanced Visual Communication (4 QH)	**ART U630** Degree Project in Design (4 SH, Type E)
ART 1341 Architectural Design 5 (6 QH)	**ARC U510** Studio 4: Housing & Aggregat (6 SH, Type E)
ART 1342 Architectural Design 6 (6 QH)	**ARC U511** Studio 5: Tectonics (6 SH, Type E)
ART 1344 Project Case Studies 1 (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1345 Project Case Studies 2 (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1352 Boston Studio 1 (6 QH)	**ARC U411** Option Studio 1 (6 SH, Type E)
ART 1353 Boston Studio 2 (6 QH)	**ARC U412** Option Studio 2 (6 SH, Type E)
ART 1354 Portfolio Review (1 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1355 Environmental Systems (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1356 Integrated Building Systems (4 QH)	**ARC U656** Integrated Building Systems (4 SH, Type A)
ART 1363 Advanced Photography Seminar (4 QH)	**ART U710** Sr Project - Photo 1 (6 SH, Type F)
ART 1375 Animation Studio 3 (4 QH)	**ART U475** Animation Studio 3 (4 SH, Type E)
ART 1475 Animation Studio 4 (4 QH)	**ART U575** Animation Studio 4 (4 SH, Type E)
ART 1575 Animation Studio 5 (4 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1713 Modern Art - Honors (4 QH)	**ART U313** 20th-Century Art (4 SH, Type A)
ART 1729 American House Architecture (4 QH)	**ARC U329** American Houses and Housing (4 SH, Type A)
ART 1730 Visual Studies 1 - Honors (4 QH)	**ART U130** Visual Studies Foundation 1 (4 SH, Type E)
ART 1752 Thesis 1 - Honors (6 QH) ✻	**ART U970** Jr/Sr Honors Project 1 (4 SH, Type F)
ART 1753 Thesis 2 - Honors (6 QH) ✻	**ART U971** Jr/Sr Honors Project 2 (4 SH, Type F)
ART 1754 Architectural Thesis 2 - Honors (8 QH)	*No semester equivalent. Converts to departmental credit.*
ART 1777 Honors Adjunct (1 QH)	*No semester equivalent. Converts to honors credit.*
ART 1778 Honors Adjunct (1 QH)	*No semester equivalent. Converts to honors credit.*
ART 1800 Directed Study 1 (4 QH)	**ART U924** Directed Study (4 SH, Type F)
ART 1801 Directed Study 2 (4 QH)	**ART U924** Directed Study (4 SH, Type F)
ART 1802 Directed Study 3 (4 QH)	**ART U924** Directed Study (4 SH, Type F)
ART 1803 Directed Study 1 (6 QH) ✻	**ART U924** Directed Study (4 SH, Type F)
ART 1804 Directed Study 2 (6 QH) ✻	**ART U924** Directed Study (4 SH, Type F)
ART 1805 Directed Study 3 (6 QH) ✻	**ART U924** Directed Study (4 SH, Type F)
ART 1810 Junior - Senior Honors (4 QH)	**ART U970** Jr/Sr Honors Project 1 (4 SH, Type F)
ART 1811 Junior - Senior Honors (4 QH)	**ART U971** Jr/Sr Honors Project 2 (4 SH, Type F)
ART 1814 Directed Study (1 QH)	**ART U921** Directed Study (1 SH, Type F)
ART 1815 Directed Study (1 QH)	**ART U921** Directed Study (1 SH, Type F)
ART 1816 Directed Study (1 QH)	**ART U921** Directed Study (1 SH, Type F)
ART 1899 Advanced Television Production (4 QH)	**ART U699** Advanced Television Production (4 SH, Type E)
ART 1900 Directed Study (4 QH)	**ART U924** Directed Study (4 SH, Type F)
ART 1901 Directed Study (4 QH)	**ART U924** Directed Study (4 SH, Type F)
ART 1902 Directed Study (4 QH)	**ART U924** Directed Study (4 SH, Type F)

ASL (American Sign Language)

ASL 1001 College: An Introduction (1 QH)	**ASL U100** College: An Introduction (1 SH, Type A)
ASL 1101 American Sign Language 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ASL 1102** American Sign Language 2 (4 QH) ✻	**ASL U101** Elementary ASL 1 (4 SH, Type A)
ASL 1102 American Sign Language 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ASL 1101** American Sign Language 1 (4 QH) ✻	**ASL U101** Elementary ASL 1 (4 SH, Type A)
ASL 1201 Intermediate ASL 1 (4 QH)	**ASL U102** Elementary ASL 2 (4 SH, Type A)
ASL 1202 Intermediate ASL 2 (4 QH)	**ASL U301** Intermediate ASL 1 (4 SH, Type A)
ASL 1211 Deaf Culture (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ASL 1212** Deaf History (4 QH) ✻	**ASL U350** Deaf History and Culture (4 SH, Type A)

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Quarter Course(s)	Equivalent Semester Course(s)
ASL 1212 Deaf History (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ASL 1211** Deaf Culture (4 QH) ✻	**ASL U350** Deaf History and Culture (4 SH, Type A)
ASL 1220 Deaf People in Society (4 QH)	**ASL U150** Deaf People in Society (4 SH, Type A)
ASL 1250 Linguistics of ASL (4 QH)	**ASL U460** ASL Linguistics (4 SH, Type A)
ASL 1301 Advanced ASL Proficiency 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ASL 1302** Advanced ASL Proficiency 2 (4 QH) ✻	**ASL U302** Intermediate ASL 2 (4 SH, Type A)
ASL 1302 Advanced ASL Proficiency 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ASL 1301** Advanced ASL Proficiency 1 (4 QH) ✻	**ASL U302** Intermediate ASL 2 (4 SH, Type A)
ASL 1401 American Sign Language Lit (4 QH)	*No semester equivalent. Converts to departmental credit.*
ASL 1500 Introduction to Interpreting (4 QH) ✻	**ASL U550** The Interpreting Profession (2 SH, Type A)
ASL 1505 ASL - English Interpreting 1 (4 QH)	**ASL U510** Interpreting Inquiry Texts (4 SH, Type A)
ASL 1506 ASL - English Interpreting 2 (4 QH)	**ASL U515** Interpreting Narrative Texts (4 SH, Type A)
ASL 1507 ASL - English Interpreting 3 (4 QH)	**ASL U610** Interpreting Expository Texts (4 SH, Type A)
ASL 1508 ASL - English Interpreting 4 (4 QH)	**ASL U615** Interpreting Persuasive Texts (4 SH, Type A)
ASL 1520 Interpreter Role & Ethics (4 QH)	**ASL U650** Ethical Decision-Making (4 SH, Type A)
ASL 1521 Contrastive Analysis (4 QH)	**ASL U560** ASL-English Contrastive Analy (4 SH, Type A)
ASL 1522 Discourse Analysis for Interp (4 QH)	*No semester equivalent. Converts to departmental credit.*
ASL 1661 Seminar in Psycholinguistics (4 QH)	*No semester equivalent. Converts to departmental credit.*
ASL 1777 Honors Adjunct (1 QH)	*No semester equivalent. Converts to honors credit.*
ASL 1801 Directed Study (4 QH)	**ASL U924** Directed Study (4 SH, Type F)
ASL 1802 Directed Study (4 QH)	**ASL U924** Directed Study (4 SH, Type F)
ASL 1810 Special Topics in Interpreting (4 QH)	*No semester equivalent. Converts to departmental credit.*
ASL 1820 Interpreting Practicum 1 (4 QH) ✻	**ASL U651** Ethical Fieldwork (2 SH, Type A)
ASL 1821 Interpreting Practicum 2 (4 QH)	*No semester equivalent. Converts to departmental credit.*

ATP (Athletic Training)

ATP 1000 Introduction Athletic Training (3 QH)	**ATP U105** Athletic Health Care Overview (3 SH, Type A)
ATP 1050 Emergency Care Athletic Injury (3 QH)	*No semester equivalent. Converts to departmental credit.*
ATP 1100 Preventn & Care Athletic Injury (3 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ATP 1101** Athletic Training Lab (1 QH) *and* **ATP1101** Athletic Training Laboratory (1 QH) *with* **ATP 1500** Therapeutic Reconditioning (4 QH) ✻	**ATP U320** Theraputic Exercise (3 SH, Type C) *and* **ATP U321** Lab for ATP U320 (1 SH, Type B)
ATP 1101 Athletic Training Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ATP 1100** Preventn & Care Athletic Injury (3 QH) *and* **ATP1101** Athletic Training Laboratory (1 QH) *with* **ATP 1500** Therapeutic Reconditioning (4 QH) ✻	**ATP U320** Theraputic Exercise (3 SH, Type C) *and* **ATP U321** Lab for ATP U320 (1 SH, Type B)
ATP 1200 Clinical Athletic Training (4 QH)	**ATP U120** Clin Practice Skills in AT (3 SH, Type C) *and* **ATP U121** Lab for ATP U120 (1 SH, Type B)
ATP 1250 Evaluation of Head and Spine (4 QH)	**ATP U520** Assess & Eval: Head & Spine (4 SH, Type C) *and* **ATP U521** Assess/Eval: Hd&Spn Lab (1 SH, Type B)
ATP 1300 Lower Extremity Evaluation (4 QH)	**ATP U500** Assess & Eval: Lower Extremity (4 SH, Type C) *and* **ATP U501** Assess/Eval Lwr Ext Lab (1 SH, Type B)
ATP 1350 Upper Extremity Evaluation (4 QH)	**ATP U510** Assess & Eval: Upper Extremity (4 SH, Type C) *and* **ATP U511** Assess/Eval Upr Ext Lab (1 SH, Type B)
ATP 1360 Applied Neuroscience (5 QH)	*No semester equivalent. Converts to departmental credit.*
ATP 1390 Athletic Training Practicum 1 (3 QH) ✻	**ATP U941** AT Clinical Affil 1 (2 SH, Type G)
ATP 1400 Therap Modalities Ath Training (4 QH)	**ATP U310** Theraputic Modalities (3 SH, Type C) *and* **ATP U311** Lab for ATP U310 (1 SH, Type B)
ATP 1410 Disease & Disabilities in Athl (4 QH)	**ATP U530** Disease & Disabilities in Ath (3 SH, Type C) *and* **ATP U531** Lab for ATP U530 (1 SH, Type B)
ATP 1450 Soft Tissue Massage & Joint Mobl (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ATP 1500** Therapeutic Reconditioning (4 QH) *and* **ATP 1100** Prevention & Care Athletic Injury (3 QH) *and* **ATP1101** Athletic Training Laboratory (1 QH) ✻	**ATP U320** Theraputic Exercise (3 SH, Type C) *and* **ATP U321** Lab for ATP U320 (1 SH, Type B)
ATP 1490 Athletic Training Practicum 2 (3 QH)	**ATP U942** AT Clinical Affil 2 (3 SH, Type G)

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ATP 1500 Therapeutic Reconditioning (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **ATP 1450** Soft Tissue Massage & Joint Mobl (4 QH) *and* **ATP 1100** Prevention & Care Athletic Injury (3 QH) *and* **ATP1101** Athletic Training Laboratory (1 QH) ✻	**ATP U320** Theraputic Exercise (3 SH, Type C) *and* **ATP U321** Lab for ATP U320 (1 SH, Type B)
ATP 1590 Athletic Training Practicum 3 (3 QH) ✻	**ATP U943** AT Clinical Affil 3 (1 SH, Type G)
ATP 1600 Org & Admin of AT Programs (4 QH)	**ATP U600** Admin in Athletic Health Care (4 SH, Type A)
ATP 1690 Athletic Training Practicum 4 (3 QH)	**ATP U944** AT Clinical Affil 4 (4 SH, Type G)
ATP 1800 Senior Seminar (4 QH) ✻	*No semester equivalent. Converts to departmental credit.*

BHS (Health Sciences)

BHS 1101 Transitions, Decisions, NU & You (1 QH)	**BHS U100** College: An Introduction (1 SH, Type A)
BHS 1400 Race, Ethnicity, & Health in US (4 QH)	**BHS U520** Race, Ethnicity, and Health in the United States (4 SH, Type A)
BHS 1500 Mgg & Leading Hlth Policy & Admin (4 QH)	**BHS U515** Health Policy (4 SH, Type A)

BIO (Biology)

BIO 1001 College: An Introduction (1 QH)	**BIO U100** College: An Introduction (1 SH, Type D)
BIO 1100 Principles of Biology 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1600** Principles of Bio 1 Lab (1 QH) *or* **BIO 1710** Princ of Biology Lab 1 - Honors (1 QH)	**BIO U101** Principles of Biology 1 (4 SH, Type C) *and* **BIO U102** Lab for BIO U101 (1 SH, Type B)
BIO 1101 Principles of Biology 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1601** Principles of Bio 2 Lab (1 QH) *or* **BIO 1711** Princ of Biology Lab 2 - Honors (1 QH)	**BIO U103** Principles of Biology 2 (4 SH, Type C) *and* **BIO U104** Lab for BIO U103 (1 SH, Type B)
BIO 1102 Principles of Biology 3 (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1103 Principles of Biology 1 (5 QH)	**BIO U101** Principles of Biology 1 (4 SH, Type C) *and* **BIO U102** Lab for BIO U101 (1 SH, Type B)
BIO 1104 Principles of Biology 2 (5 QH)	**BIO U103** Principles of Biology 2 (4 SH, Type C) *and* **BIO U104** Lab for BIO U103 (1 SH, Type B)
BIO 1105 Principles of Biology 3 (5 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1106 General Biology (4 QH)	**BIO U111** General Biology 1 (4 SH, Type C) *and* **BIO U112** Lab for BIO U111 (1 SH, Type B)
BIO 1107 Animal Biology (4 QH)	**BIO U113** General Biology 2 (4 SH, Type C) *and* **BIO U114** Lab for BIO U113 (1 SH, Type B)
BIO 1108 General Biology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1608** General Biology Lab (1 QH)	**BIO U111** General Biology 1 (4 SH, Type C) *and* **BIO U112** Lab for BIO U111 (1 SH, Type B)
BIO 1109 Animal Biology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1609** Animal Biology Lab (1 QH)	**BIO U113** General Biology 2 (4 SH, Type C) *and* **BIO U114** Lab for BIO U113 (1 SH, Type B)
BIO 1111 Environment & Man (4 QH)	**BIO U145** Environ & Humankind (4 SH, Type A)
BIO 1120 Basic Microbiology (4 QH)	**BIO U121** Basic Microbiology (4 SH, Type C) *and* **BIO U122** Lab for BIO U121 (1 SH, Type B)
BIO 1121 Intro Microbiology (3 QH)	**BIO U121** Basic Microbiology (4 SH, Type C) *and* **BIO U122** Lab for BIO U121 (1 SH, Type B)
BIO 1122 Basic Microbiology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1622** Basic Microbiology Lab (1 QH)	**BIO U121** Basic Microbiology (4 SH, Type C) *and* **BIO U122** Lab for BIO U121 (1 SH, Type B)
BIO 1140 Basic Animal Biology 1 (4 QH)	**BIO U111** General Biology 1 (4 SH, Type C) *and* **BIO U112** Lab for BIO U111 (1 SH, Type B)
BIO 1141 Basic Animal Biology 2 (4 QH)	**BIO U113** General Biology 2 (4 SH, Type C) *and* **BIO U114** Lab for BIO U113 (1 SH, Type B)
BIO 1142 Basic Animal Biology 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1642** Basic Animal Biology 1 Lab (1 QH)	**BIO U111** General Biology 1 (4 SH, Type C) *and* **BIO U112** Lab for BIO U111 (1 SH, Type B)
BIO 1143 Basic Animal Biology 2 (4 QH)	**BIO U113** General Biology 2 (4 SH, Type C) *and* **BIO U114** Lab for BIO U113 (1 SH, Type B)

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Quarter Course(s)	Equivalent Semester Course(s)
BIO 1150 Human Anatomy & Physiology 1 (5 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1151 Human Anatomy & Physiology 2 (5 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1152 Integrated Human Anat/Phys 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1153** Integrated Human Anat/Phys 2 (4 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1153 Integrated Human Anat/Phys 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1152** Integrated Human Anat/Phys 1 (4 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1154 Integrated Human Anat/Phys 3 (4 QH)	**BIO U119** Integrated Anat & Physiol 2 (4 SH, Type C) *and* **BIO U120** Lab for BIO U119 (1 SH, Type B)
BIO 1160 Functional Human A & P 1 (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1161 Functional Human Anat & Phys 2 (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1162 Integrated Human Anat & Phys 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1163** Integrated Human Anat & Phys 2 (4 QH) *and* **BIO 1652** Integrated Human A & P 1 Lab (1 QH) *and* **BIO 1653** Integrated Human A & P 2 Lab (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
with **BIO 1163** Integrated Human Anat & Phys 2 (4 QH) *and* **BIO 1762** Anatomy & Physiology 1 Lab - Honors (1 QH) *and* **BIO 1763** Anatomy & Physiology 2 Lab - Honors (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1163 Integrated Human Anat & Phys 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1162** Integrated Human Anat & Phys 1 (4 QH) *and* **BIO 1652** Integrated Human A & P 1 Lab (1 QH) *and* **BIO 1653** Integrated Human A & P 2 Lab (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
with **BIO 1162** Integrated Human Anat & Phys 1 (4 QH) *and* **BIO 1762** Anatomy & Physiology 1 Lab - Honors (1 QH) *and* **BIO 1763** Anatomy & Physiology 2 Lab - Honors (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1164 Integrated Human Anat & Phys 3 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1654** Integrated Human A & P 3 Lab (1 QH) *or* **BIO 1764** Anatomy & Physiology 3 Lab - Honors (1 QH)	**BIO U119** Integrated Anat & Physiol 2 (4 SH, Type C) *and* **BIO U120** Lab for BIO U119 (1 SH, Type B)
BIO 1170 Marine Biology (4 QH)	**BIO U151** Marine Biology (4 SH, Type A)
BIO 1174 Introduction to Marine Biology (3 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1675** Intro to Marine Biology Lab (1 QH)	**BIO U151** Marine Biology (4 SH, Type A)
BIO 1175 Introduction to Marine Biology (4 QH)	**BIO U151** Marine Biology (4 SH, Type A)
BIO 1181 The Human Organism (4 QH)	**BIO U147** The Human Organism (4 SH, Type A)
BIO 1182 The Human Organism (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1683** Human Organism Lab (1 QH)	**BIO U147** The Human Organism (4 SH, Type A)
BIO 1187 Biology of Human Reproduction (4 QH)	**BIO U149** Biology of Human Reproduction (4 SH, Type A)
BIO 1212 Environmental & Population Bio (5 QH)	**BIO U311** Ecology (4 SH, Type C) *and* **BIO U312** Lab for BIO U311 (1 SH, Type B)
BIO 1222 Environmental & Population Bio (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1611** Environment & Population Bio Lab (1 QH)	**BIO U311** Ecology (4 SH, Type C) *and* **BIO U312** Lab for BIO U311 (1 SH, Type B)
BIO 1270 Diving Research Methods (4 QH) ✻	**BIO U589** Diving Research Methods (2 SH, Type B)
BIO 1280 Genetics (5 QH)	**BIO U301** Genetics & Molecular Biology (4 SH, Type C) *and* **BIO U302** Lab for BIO U301 (1 SH, Type B)
BIO 1281 Introductory Biochemistry (5 QH)	**BIO U323** Biochemistry (4 SH, Type C) *and* **BIO U324** Lab for BIO U323 (1 SH, Type B)
BIO 1282 Genetics (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1660** Genetics Lab (1 QH)	**BIO U301** Genetics & Molecular Biology (4 SH, Type C) *and* **BIO U302** Lab for BIO U301 (1 SH, Type B)
BIO 1283 Introductory Biochemistry (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1661** Intro Biochemistry Lab (1 QH)	**BIO U323** Biochemistry (4 SH, Type C) *and* **BIO U324** Lab for BIO U323 (1 SH, Type B)

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Quarter Course(s)	Equivalent Semester Course(s)
BIO 1311 Evolution (4 QH)	**BIO U585** Evolution (4 SH, Type C) *and* **BIO U586** Lab for BIO U585 (1 SH, Type B)
BIO 1313 River Ecology Lab (3 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1314 Salt Marsh Ecology (3 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1316 Aquatic Ecology (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1320 General Microbiology & Lab (5 QH)	**BIO U321** Microbiology (4 SH, Type C) *and* **BIO U322** Lab for BIO U321 (1 SH, Type B)
BIO 1321 Evolution (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1621** Evolution Lab (1 QH)	**BIO U585** Evolution (4 SH, Type C) *and* **BIO U586** Lab for BIO U585 (1 SH, Type B)
BIO 1323 General Microbiology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1623** General Microbiology Lab (1 QH)	**BIO U321** Microbiology (4 SH, Type C) *and* **BIO U322** Lab for BIO U321 (1 SH, Type B)
BIO 1330 Marine Botany (4 QH)	**BIO U501** Marine Botany (4 SH, Type C) *and* **BIO U502** Lab for BIO U501 (1 SH, Type B)
BIO 1332 Molecular Marine Botany (4 QH)	**BIO U523** Molecular Marine Biology (3 SH, Type B)
BIO 1333 Marine Botany (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1630** Marine Botany Lab (1 QH)	**BIO U501** Marine Botany (4 SH, Type C) *and* **BIO U502** Lab for BIO U501 (1 SH, Type B)
BIO 1334 Molecular Marine Botany (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1644** Molecular Marine Botany Lab (1 QH) ✻	**BIO U523** Molecular Marine Biology (3 SH, Type B)
BIO 1341 Vertebrate Zoology (4 QH)	**BIO U317** Vertebrate Zoology (4 SH, Type C) *and* **BIO U318** Lab for BIO U317 (1 SH, Type B)
BIO 1343 Vertebrate Zoology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1641** Vertebrate Zoology Lab (1 QH)	**BIO U317** Vertebrate Zoology (4 SH, Type C) *and* **BIO U318** Lab for BIO U317 (1 SH, Type B)
BIO 1344 Biology of Crustacea (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1346 Embryology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1646** Embryology Lab (1 QH)	**BIO U577** Developmental Biology (4 SH, Type C) *and* **BIO U578** Lab for BIO U577 (1 SH, Type B)
BIO 1347 Embryology (5 QH)	**BIO U577** Developmental Biology (4 SH, Type C) *and* **BIO U578** Lab for BIO U577 (1 SH, Type B)
BIO 1350 Regulatory Cell Physiology (5 QH)	**BIO U319** Regulatory Cell Biology (4 SH, Type C) *and* **BIO U320** Lab for BIO U319 (1 SH, Type B)
BIO 1351 Comparative Vertebrate Anatomy (5 QH)	**BIO U401** Comparative Vertebrate Anatomy (4 SH, Type C) *and* **BIO U402** Lab for BIO U401 (1 SH, Type B)
BIO 1355 Regulatory Cell Physiology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1655** Regulatory Cell Physiology Lab (1 QH)	**BIO U319** Regulatory Cell Biology (4 SH, Type C) *and* **BIO U320** Lab for BIO U319 (1 SH, Type B)
BIO 1356 Comparative Vertebrate Anatomy (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1656** Comp Vertebrate Anatomy Lab (1 QH)	**BIO U401** Comparative Vertebrate Anatomy (4 SH, Type C) *and* **BIO U402** Lab for BIO U401 (1 SH, Type B)
BIO 1370 Marine Invertebrate Zoology (5 QH)	**BIO U503** Marine Invertebrate Zoology (4 SH, Type C) *and* **BIO U504** Lab for BIO U503 (1 SH, Type B)
BIO 1373 Marine Invertebrate Zoology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1673** Marine Invertebrate Zoology Lab (1 QH)	**BIO U503** Marine Invertebrate Zoology (4 SH, Type C) *and* **BIO U504** Lab for BIO U503 (1 SH, Type B)
BIO 1381 Marine Biology Project (1 QH)	**BIO U921** Directed Study (1 SH, Type F)
BIO 1384 Marine Biology Project (4 QH)	**BIO U924** Directed Study (4 SH, Type F)
BIO 1387 The Biology of Corals (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1687** Reefs Lab (1 QH) ✻	**BIO U505** Biology of Coral & Coral Reefs (3 SH, Type B)
BIO 1412 Benthic Marine Ecology (4 QH)	**BIO U515** Benthic Marine Ecology (3 SH, Type B)
BIO 1413 Tropical Terrestrial Ecology (2 QH) ✻	**BIO U513** Tropical Terrestrial Ecology (1 SH, Type A)
BIO 1414 Benthic Marine Ecology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1612** Benthic Marine Ecology Lab (1 QH) ✻	**BIO U515** Benthic Marine Ecology (3 SH, Type B)

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BIO 1415 Marine Microbial Ecology (4 QH)	**BIO U525** Marine Microbial Ecology (2 SH, Type C) *and* **BIO U526** Lab for BIO U525 (1 SH, Type B)
BIO 1416 Microbial Physiology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1616** Microbial Physiology Lab (1 QH)	**BIO U569** Microbial Physio & Genetics (4 SH, Type A)
BIO 1417 Exper Design in Marine Ecology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1617** Exper Design in Marine Eco Lab (1 QH)	**BIO U521** Exper Design Marine Ecology (4 SH, Type C) *and* **BIO U522** Lab for BIO U521 (1 SH, Type B)
BIO 1418 Marine Microbial Ecology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1615** Marine Microbial Ecology Lab (1 QH) ✻	**BIO U525** Marine Microbial Ecology (2 SH, Type C) *and* **BIO U526** Lab for BIO U525 (1 SH, Type B)
BIO 1426 Medical Microbiology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1626** Medical Microbiology Lab (1 QH)	**BIO U573** Medical Microbiology (4 SH, Type C) *and* **BIO U574** Lab for BIO U573 (1 SH, Type B)
BIO 1427 Medical Microbiology (4 QH)	**BIO U573** Medical Microbiology (4 SH, Type C) *and* **BIO U574** Lab for BIO U573 (1 SH, Type B)
BIO 1432 Higher Plants (4 QH)	**BIO U557** Evolution of Vascular Plants (4 SH, Type C) *and* **BIO U558** Lab for BIO U557 (1 SH, Type B)
BIO 1435 Plant Development (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1635** Plant Development Lab (1 QH)	**BIO U555** Plant Development (4 SH, Type C) *and* **BIO U556** Lab for BIO U555 (1 SH, Type B)
BIO 1437 Plant Development (4 QH)	**BIO U555** Plant Development (4 SH, Type C) *and* **BIO U556** Lab for BIO U555 (1 SH, Type B)
BIO 1441 Parasitology (4 QH)	**BIO U575** Parasitology (4 SH, Type C) *and* **BIO U576** Lab for BIO U575 (1 SH, Type B)
BIO 1442 Vertebrate Paleontology (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1444 Wildlife Biology (5 QH)	**BIO U567** Wildlife Biology (4 SH, Type C) *and* **BIO U568** Lab for BIO U567 (1 SH, Type B)
BIO 1446 Ornithology (5 QH)	**BIO U563** Ornithology (4 SH, Type C) *and* **BIO U564** Lab for BIO U563 (1 SH, Type B)
BIO 1449 Marine Birds & Mammals (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1669** Marine Birds & Mammals Lab (1 QH) ✻	**BIO U509** Marine Birds & Mammals (2 SH, Type C) *and* **BIO U510** Lab for BIO U509 (1 SH, Type B)
BIO 1450 Immunology (4 QH)	**BIO U583** Immunology (4 SH, Type A)
BIO 1452 Comparative Neurobiology (4 QH)	**BIO U587** Comparative Neurobiology (4 SH, Type A)
BIO 1456 Parasitology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1663** Parasitology Lab (1 QH)	**BIO U575** Parasitology (4 SH, Type C) *and* **BIO U576** Lab for BIO U575 (1 SH, Type B)
BIO 1457 Neuroethology - Marine Organisms (4 QH)	**BIO U545** Neuroethology (4 SH, Type C) *and* **BIO U546** Lab for BIO U545 (1 SH, Type B)
BIO 1458 Wildlife Biology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1658** Wildlife Biology Lab (1 QH)	**BIO U567** Wildlife Biology (4 SH, Type C) *and* **BIO U568** Lab for BIO U567 (1 SH, Type B)
BIO 1459 Ornithology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1659** Ornithology Lab (1 QH)	**BIO U563** Ornithology (4 SH, Type C) *and* **BIO U564** Lab for BIO U563 (1 SH, Type B)
BIO 1460 Current Concepts in Cell Bio (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1461 General Biochemistry (4 QH)	**BIO U323** Biochemistry (4 SH, Type C) *and* **BIO U324** Lab for BIO U323 (1 SH, Type B)
BIO 1462 General Biochemistry Lab (4 QH)	**BIO U579** Biochemistry Methods Lab (5 SH, Type B)
BIO 1463 Cellular Biochemistry (4 QH)	**BIO U407** Molecular Cell Biology (4 SH, Type A)
BIO 1464 Marine Birds & Mammals (4 QH)	**BIO U509** Marine Birds & Mammals (2 SH, Type C) *and* **BIO U510** Lab for BIO U509 (1 SH, Type B)
BIO 1467 Molecular Biology (4 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1468 Mammalogy (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1668** Mammalogy Lab (1 QH)	**BIO U565** Mammalogy (4 SH, Type C) *and* **BIO U566** Lab for BIO U565 (1 SH, Type B)

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BIO 1470 Ocean & Coastal Processes 1 (4 QH)	**BIO U517** Oceanography (2 SH, Type C) *and* **BIO U518** Lab for BIO U517 (1 SH, Type B)
BIO 1471 Ocean & Coastal Processes 2 (4 QH)	**BIO U519** Ocean and Coastal Processes (3 SH, Type B)
BIO 1473 Systems Physiology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1677** Systems Physiology Lab (1 QH)	**BIO U551** Prncple of Animal Physiology (4 SH, Type C) *and* **BIO U552** Lab for BIO U551 (1 SH, Type B)
BIO 1474 Neuroethology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1674** Neuroethology Lab (1 QH)	**BIO U545** Neuroethology (4 SH, Type C) *and* **BIO U546** Lab for BIO U545 (1 SH, Type B)
BIO 1475 Biology & Ecology of Fishes (4 QH)	**BIO U507** Biology and Ecology of Fishes (3 SH, Type B)
BIO 1476 Herpetology (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1676** Herpetology Lab (1 QH)	**BIO U561** Herpetology (4 SH, Type C) *and* **BIO U562** Lab for BIO U561 (1 SH, Type B)
BIO 1477 Biology of Corals & Coral Reef (5 QH) ✻	**BIO U505** Biology of Coral & Coral Reefs (3 SH, Type B)
BIO 1479 Adaptations of Aquatic Organisms (4 QH)	**BIO U511** Adaptations -Aquatic Organism (3 SH, Type B)
BIO 1480 Senior Biochemistry Seminar (1 QH)	**BIO U701** Biology Capstone (4 SH, Type A)
BIO 1481 Ocean & Coastal Processes 1 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1680** Ocean & Coastal Processes 1 Lab (1 QH) ✻	**BIO U517** Oceanography (2 SH, Type C) *and* **BIO U518** Lab for BIO U517 (1 SH, Type B)
BIO 1482 Ocean & Coastal Processes 2 (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1681** Ocean & Coastal Processes 2 Lab (1 QH) ✻	**BIO U519** Ocean and Coastal Processes (3 SH, Type B)
BIO 1485 Biology & Ecology of Fish (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1685** Biology & Ecology of Fish Lab (1 QH) ✻	**BIO U507** Biology and Ecology of Fishes (3 SH, Type B)
BIO 1489 Adaptations Aquatic Organisms (4 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1689** Adaptations Aquatic Organism Lab (1 QH) ✻	**BIO U511** Adaptations -Aquatic Organism (3 SH, Type B)
BIO 1490 Senior Seminar (1 QH)	**BIO U701** Biology Capstone (4 SH, Type A)
BIO 1491 Directed Study (2 QH)	**BIO U922** Directed Study (2 SH, Type F)
BIO 1492 Directed Study (2 QH)	**BIO U922** Directed Study (2 SH, Type F)
BIO 1494 Experiential Education Capstone (4 QH)	**BIO U701** Biology Capstone (4 SH, Type A)
BIO 1495 Jr/Sr Honors Program (4 QH)	**BIO U970** Jr/Sr Honors Project 1 (4 SH, Type F)
BIO 1496 Jr/Sr Honors Program (4 QH)	**BIO U971** Jr/Sr Honors Project 2 (4 SH, Type F)
BIO 1520 Environmental Microbiology (4 QH)	**BIO U571** Microbial Ecology (4 SH, Type C) *and* **BIO U572** Lab for BIO U571 (1 SH, Type B)
BIO 1600 Principles of Bio 1 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1100** Principles of Biology 1 (4 QH)	**BIO U101** Principles of Biology 1 (4 SH, Type C) *and* **BIO U102** Lab for BIO U101 (1 SH, Type B)
BIO 1601 Principles of Bio 2 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1101** Principles of Biology 2 (4 QH)	**BIO U103** Principles of Biology 2 (4 SH, Type C) *and* **BIO U104** Lab for BIO U103 (1 SH, Type B)
BIO 1602 Principles of Biology 3 Lab (1 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1608 General Biology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1108** General Biology (4 QH)	**BIO U111** General Biology 1 (4 SH, Type C) *and* **BIO U112** Lab for BIO U111 (1 SH, Type B)
BIO 1609 Animal Biology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1109** Animal Biology (4 QH)	**BIO U113** General Biology 2 (4 SH, Type C) *and* **BIO U114** Lab for BIO U113 (1 SH, Type B)
BIO 1611 Environment & Population Bio Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1222** Environmental & Population Bio (4 QH)	**BIO U311** Ecology (4 SH, Type C) *and* **BIO U312** Lab for BIO U311 (1 SH, Type B)
BIO 1612 Benthic Marine Ecology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1414** Benthic Marine Ecology (4 QH) ✻	**BIO U515** Benthic Marine Ecology (3 SH, Type B)

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BIO 1615 Marine Microbial Ecology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1418** Marine Microbial Ecology (4 QH) ✻	**BIO U525** Marine Microbial Ecology (2 SH, Type C) *and* **BIO U526** Lab for BIO U525 (1 SH, Type B)
BIO 1616 Microbial Physiology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1416** Microbial Physiology (4 QH)	**BIO U569** Microbial Physio & Genetics (4 SH, Type A)
BIO 1617 Exper Design in Marine Eco Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1417** Exper Design in Marine Ecology (4 QH)	**BIO U521** Exper Design Marine Ecology (4 SH, Type C) *and* **BIO U522** Lab for BIO U521 (1 SH, Type B)
BIO 1621 Evolution Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1321** Evolution (4 QH)	**BIO U585** Evolution (4 SH, Type C) *and* **BIO U586** Lab for BIO U585 (1 SH, Type B)
BIO 1622 Basic Microbiology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1122** Basic Microbiology (4 QH)	**BIO U121** Basic Microbiology (4 SH, Type C) *and* **BIO U122** Lab for BIO U121 (1 SH, Type B)
BIO 1623 General Microbiology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1323** General Microbiology (4 QH)	**BIO U321** Microbiology (4 SH, Type C) *and* **BIO U322** Lab for BIO U321 (1 SH, Type B)
BIO 1626 Medical Microbiology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1426** Medical Microbiology (4 QH)	**BIO U573** Medical Microbiology (4 SH, Type C) *and* **BIO U574** Lab for BIO U573 (1 SH, Type B)
BIO 1630 Marine Botany Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1333** Marine Botany (4 QH)	**BIO U501** Marine Botany (4 SH, Type C) *and* **BIO U502** Lab for BIO U501 (1 SH, Type B)
BIO 1635 Plant Development Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1435** Plant Development (4 QH)	**BIO U555** Plant Development (4 SH, Type C) *and* **BIO U556** Lab for BIO U555 (1 SH, Type B)
BIO 1641 Vertebrate Zoology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1343** Vertebrate Zoology (4 QH)	**BIO U317** Vertebrate Zoology (4 SH, Type C) *and* **BIO U318** Lab for BIO U317 (1 SH, Type B)
BIO 1642 Basic Animal Biology 1 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1142** Basic Animal Biology 1 (4 QH)	**BIO U111** General Biology 1 (4 SH, Type C) *and* **BIO U112** Lab for BIO U111 (1 SH, Type B)
BIO 1644 Molecular Marine Botany Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1334** Molecular Marine Botany (4 QH) ✻	**BIO U523** Molecular Marine Biology (3 SH, Type B)
BIO 1645 Biology of Crustacea Lab (1 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1646 Embryology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1346** Embryology (4 QH)	**BIO U577** Developmental Biology (4 SH, Type C) *and* **BIO U578** Lab for BIO U577 (1 SH, Type B)
BIO 1650 Functional Human A & P 1 Lab (1 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1651 Functional Human A & P 2 Lab (1 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1652 Integrated Human A & P 1 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1162** Integrated Human Anat & Phys 1 (4 QH) *and* **BIO 1163** Integrated Human Anat & Phys 2 (4 QH) *and* **BIO 1653** Integrated Human A & P 2 Lab (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1653 Integrated Human A & P 2 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1162** Integrated Human Anat & Phys 1 (4 QH) *and* **BIO 1163** Integrated Human Anat & Phys 2 (4 QH) *and* **BIO 1652** Integrated Human A & P 1 Lab (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1654 Integrated Human A & P 3 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1164** Integrated Human Anat & Phys 3 (4 QH)	**BIO U119** Integrated Anat & Physiol 2 (4 SH, Type C) *and* **BIO U120** Lab for BIO U119 (1 SH, Type B)

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BIO 1655 Regulatory Cell Physiology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1355** Regulatory Cell Physiology (4 QH)	**BIO U319** Regulatory Cell Biology (4 SH, Type C) *and* **BIO U320** Lab for BIO U319 (1 SH, Type B)
BIO 1656 Comp Vertebrate Anatomy Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1356** Comparative Vertebrate Anatomy (4 QH)	**BIO U401** Comparative Vertebrate Anatomy (4 SH, Type C) *and* **BIO U402** Lab for BIO U401 (1 SH, Type B)
BIO 1658 Wildlife Biology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1458** Wildlife Biology (4 QH)	**BIO U567** Wildlife Biology (4 SH, Type C) *and* **BIO U568** Lab for BIO U567 (1 SH, Type B)
BIO 1659 Ornithology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1459** Ornithology (4 QH)	**BIO U563** Ornithology (4 SH, Type C) *and* **BIO U564** Lab for BIO U563 (1 SH, Type B)
BIO 1660 Genetics Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1282** Genetics (4 QH)	**BIO U301** Genetics & Molecular Biology (4 SH, Type C) *and* **BIO U302** Lab for BIO U301 (1 SH, Type B)
BIO 1661 Intro Biochemistry Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1283** Introductory Biochemistry (4 QH)	**BIO U323** Biochemistry (4 SH, Type C) *and* **BIO U324** Lab for BIO U323 (1 SH, Type B)
BIO 1663 Parasitology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1456** Parasitology (4 QH)	**BIO U575** Parasitology (4 SH, Type C) *and* **BIO U576** Lab for BIO U575 (1 SH, Type B)
BIO 1668 Mammalogy Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1468** Mammalogy (4 QH)	**BIO U565** Mammology (4 SH, Type C) *and* **BIO U566** Lab for BIO U565 (1 SH, Type B)
BIO 1669 Marine Birds & Mammals Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1449** Marine Birds & Mammals (4 QH) ✻	**BIO U509** Marine Birds & Mammals (2 SH, Type C) *and* **BIO U510** Lab for BIO U509 (1 SH, Type B)
BIO 1673 Marine Invertebrate Zoology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1373** Marine Invertebrate Zoology (4 QH)	**BIO U503** Marine Invertebrate Zoology (4 SH, Type C) *and* **BIO U504** Lab for BIO U503 (1 SH, Type B)
BIO 1674 Neuroethology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1474** Neuroethology (4 QH)	**BIO U545** Neuroethology (4 SH, Type C) *and* **BIO U546** Lab for BIO U545 (1 SH, Type B)
BIO 1675 Intro to Marine Biology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1174** Introduction to Marine Biology (3 QH)	**BIO U151** Marine Biology (4 SH, Type A)
BIO 1676 Herpetology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1476** Herpetology (4 QH)	**BIO U561** Herpetology (4 SH, Type C) *and* **BIO U562** Lab for BIO U561 (1 SH, Type B)
BIO 1677 Systems Physiology Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1473** Systems Physiology (4 QH)	**BIO U551** Prncple of Animal Physiology (4 SH, Type C) *and* **BIO U552** Lab for BIO U551 (1 SH, Type B)
BIO 1680 Ocean & Coastal Processes 1 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1481** Ocean & Coastal Processes 1 (4 QH) ✻	**BIO U517** Oceanography (2 SH, Type C) *and* **BIO U518** Lab for BIO U517 (1 SH, Type B)
BIO 1681 Ocean & Coastal Processes 2 Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1482** Ocean & Coastal Processes 2 (4 QH) ✻	**BIO U519** Ocean and Coastal Processes (3 SH, Type B)
BIO 1683 Human Organism Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1182** The Human Organism (4 QH)	**BIO U147** The Human Organism (4 SH, Type A)

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BIO 1685 Biology & Ecology of Fish Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1485** Biology & Ecology of Fish (4 QH) ✻	**BIO U507** Biology and Ecology of Fishes (3 SH, Type B)
BIO 1687 Reefs Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1387** The Biology of Corals (4 QH) ✻	**BIO U505** Biology of Coral & Coral Reefs (3 SH, Type B)
BIO 1689 Adaptations Aquatic Organism Lab (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1489** Adaptations Aquatic Organisms (4 QH) ✻	**BIO U511** Adaptations -Aquatic Organism (3 SH, Type B)
BIO 1710 Princ of Biology Lab 1 - Honors (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1100** Principles of Biology 1 (4 QH)	**BIO U101** Principles of Biology 1 (4 SH, Type C) *and* **BIO U102** Lab for BIO U101 (1 SH, Type B)
BIO 1711 Princ of Biology Lab 2 - Honors (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1101** Principles of Biology 2 (4 QH)	**BIO U103** Principles of Biology 2 (4 SH, Type C) *and* **BIO U104** Lab for BIO U103 (1 SH, Type B)
BIO 1712 Princ of Biology Lab 3 - Honors (1 QH)	*No semester equivalent. Converts to departmental credit.*
BIO 1762 Anatomy & Physiology 1 Lab - Honors (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1162** Integrated Human Anat & Phys 1 (4 QH) *and* **BIO 1163** Integrated Human Anat & Phys 2 (4 QH) *and* **BIO 1763** Anatomy & Physiology 2 Lab - Honors (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1763 Anatomy & Physiology 2 Lab - Honors (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1162** Integrated Human Anat & Phys 1 (4 QH) *and* **BIO 1163** Integrated Human Anat & Phys 2 (4 QH) *and* **BIO 1762** Anatomy & Physiology 1 Lab - Honors (1 QH) ✻	**BIO U117** Integrated Anat & Physiol 1 (4 SH, Type C) *and* **BIO U118** Lab for BIO U117 (1 SH, Type B)
BIO 1764 Anatomy & Physiology 3 Lab - Honors (1 QH) *alone*	*No semester equivalent. Converts to departmental credit.*
with **BIO 1164** Integrated Human Anat & Phys 3 (4 QH)	**BIO U119** Integrated Anat & Physiol 2 (4 SH, Type C) *and* **BIO U120** Lab for BIO U119 (1 SH, Type B)
BIO 1777 Honors Adjunct (1 QH)	*No semester equivalent. Converts to honors credit.*
BIO 1791 Directed Study 1 - Honors (2 QH)	**BIO U922** Directed Study (2 SH, Type F)
BIO 1792 Directed Study 2 - Honors (2 QH)	**BIO U922** Directed Study (2 SH, Type F)
BIO 1793 Directed Study 3 - Honors (2 QH)	**BIO U922** Directed Study (2 SH, Type F)
BIO 1794 Directed Study - Honors (2 QH)	**BIO U922** Directed Study (2 SH, Type F)
BIO 1888 Experiential Ed Directed Study (4 QH)	**BIO U954** Exp Ed Dir Study (4 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.