# CALIFORNIA BAPTIST UNIVERSITY

## LONG BEACH CITY COLLEGE

### COURSES VALID FOR CBU CATALOGS: 2013-2014

*September 1, 2013 – August 31, 2014*

## LOWER DIVISION MAJOR COURSES APPROVED FOR TRANSFER

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| *CALIFORNIA BAPTIST UNIVERSITY* | | *LONG BEACH CITY COLLEGE* |
|---|---|---|
| **ACCOUNTING/BUSINESS ADMINISTRATION/MARKETING** | | |
| ACC 250 | Principles of Accounting I | ACCTG 1A Principles of Accounting |
| ACC 251 | Principles of Accounting II | ACCTG 1B Principles of Accounting |
| BUS 101 | Introduction to Business | GBUS 5 Introduction to Business |
| BUS 217 | Microeconomics | ECON 1B Micro Economic Analysis |
| BUS 218 | Macroeconomics | ECON 1A Macro Economic Analysis |
| BUS 237 | Management Based on Biblical Principles | No Transfer Equivalent |
| CIS 270 | Business IT Application | No Transfer Equivalent |
| **ANTHROPOLOGY** | | |
| ANT 225 | Cultural Anthropology | ANTHR 2 Cultural Anthropology or 2H |
| **APPLIED STATISTICAL ANALYSIS/APPLIED STATISTICS** | | |
| CIS 268 | Computer Programming Languages | CBIS 8B, CS 11-13 |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| MAT 255 | Analytical Geometry and Calculus II | MATH 70 Second Calculus Course |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| STA 205 | Applied Linear Regression | No Transfer Equivalent |
| STA 210 | Statistical Computing I | No Transfer Equivalent |
| STA 211 | Statistical Computing II | No Transfer Equivalent |
| **APPLIED THEOLOGY** | | |
| XXX | Christian Studies Courses | No Transfer Equivalent |
| **ARCHITECTURE** | | |
| ARC 210 | Design Studio I: Spatial Constructs | No Transfer Equivalent |
| ARC 212 | Design Studio II: Programmatic Types | No Transfer Equivalent |
| ARC 220 | Computer Modeling | No Transfer Equivalent |
| ARC 240 | Architectural History I | No Transfer Equivalent |
| ARC 242 | Architectural History II | No Transfer Equivalent |
| ARC 290 | Statics and Strength of Materials | No Transfer Equivalent |
| ARC 292 | Structures I | No Transfer Equivalent |
| DES 110 | Design Thought Foundations I | No Transfer Equivalent |
| DES 112 | Design Thought Foundations II | No Transfer Equivalent |
| DES 120 | 2D Visual Expression | No Transfer Equivalent |
| DES 122 | 3D Visual Expression | No Transfer Equivalent |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| PHY 201 | Physics for Engineers I with Lab | PHYS 2A General Physics |
| **AVIATION FLIGHT** | | |
| AVN 110 | Introduction to Aviation | No Transfer Equivalent |
| AVN 210 | Aviation Meteorology | No Transfer Equivalent |
| FLT 116 | Private Pilot Ground | No Transfer Equivalent |
| FLT 117 | Private Pilot Lab | No Transfer Equivalent |
| FLT 119 | Instrument Pilot Ground | No Transfer Equivalent |
| FLT 120 | Commercial/Instrument Pilot Lab I | No Transfer Equivalent |
| FLT 218 | Commercial Pilot Ground | No Transfer Equivalent |
| FLT 219 | Commercial/Instrument Pilot Lab II | No Transfer Equivalent |
| FLT 220 | Commercial/Instrument Pilot Lab III | No Transfer Equivalent |
| FLT 224 | Modern Avionics & Navigational Aids | No Transfer Equivalent |
| MAT 145 | Mathematical Methods in the Natural Sciences | No Transfer Equivalent |
| PHY 114 | General Physics I with Lab | PHYS 2A General Physics |
| **AVIATION MANAGEMENT** | | |
| AVN 110 | Introduction to Aviation | No Transfer Equivalent |
| AMG 111 | Theory of Flight | No Transfer Equivalent |
| AVN 210 | Aviation Meteorology | No Transfer Equivalent |
| ACC 250 | Principles of Accounting I | ACCTG 1A Principles of Accounting |
| CIS 270 | Business IT Application | No Transfer Equivalent |
| MAT 135 | Pre-Calculus | MATH 50 Precalculus Math |

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|---|---|---|
| **BEHAVIORAL SCIENCE** | | |
| BEH 100<br>SOC 213<br>ANT 225 | Survey of Behavioral Science **OR**<br>Introduction to Sociology **OR**<br>Cultural Anthropology | No Transfer Equivalent **OR**<br>SOCIO 1 Introduction to Sociology or 1H<br>ANTHR 2 Cultural Anthropology or 2H |
| PSY 213 | General Psychology | PSYCH 1 Introduction to Psychology or 1H |

| **BIOCHEMISTRY AND MOLECULAR BIOLOGY** | | |
|---|---|---|
| BIO 146 | General Biology I with Lab | BIO 1A Biology for Science Majors |
| BIO 148 | General Biology II with Lab | BIO 1B Biology for Science Majors |
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| CHE 125 | General Chemistry II with Lab | CHEM 1B General Chemistry |
| CHE 230 | Introduction to Molecular Modeling | No Transfer Equivalent |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| MAT 255 | Analytical Geometry and Calculus II | MATH 70 Second Calculus Course |
| PHY 214 | Physics for Scientists I with Lab | PHYS 3A Physics for Scientists/Engineers |
| PHY 224 | Physics for Scientists II with Lab | PHYS 3B & 3C Physics for Scientists/Engineers |

| **BIOLOGY** | | |
|---|---|---|
| BIO 146 | General Biology I with Lab | BIO 1A Biology for Science Majors |
| BIO 148 | General Biology II with Lab | BIO 1B Biology for Science Majors |
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| CHE 125 | General Chemistry II with Lab | CHEM 1B General Chemistry |
| MAT 145<br>MAT 245 | Mathematical Methods in the Natural Sciences **OR**<br>Analytical Geometry and Calculus I | No Transfer Equivalent<br>MATH 60 First Calculus Course |
| PHY 114/124<br>PHY 214/224 | General Physics I & II with Labs **OR**<br>Physics for Scientists I & II with Labs | PHYS 2A & 2B General Physics<br>PHYS 3A & 3B & 3C Physics for Scientists/Engineers |

| **CHEMISTRY** | | |
|---|---|---|
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| CHE 125 | General Chemistry II with Lab | CHEM 1B General Chemistry |
| CHE 230 | Introduction to Molecular Modeling | No Transfer Equivalent |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| MAT 255 | Analytical Geometry and Calculus II | MATH 70 Second Calculus Course |
| PHY 214 | Physics for Scientists I with Lab | PHYS 3A Physics for Scientists/Engineers |
| PHY 224 | Physics for Scientists II with Lab | PHYS 3B & 3C Physics for Scientists/Engineers |

| **CHRISTIAN BEHAVIORAL SCIENCE** | | |
|---|---|---|
| BEH 100<br>ANT 225<br>SOC 213 | Survey of Behavioral Science **OR**<br>Cultural Anthropology **OR**<br>Introduction to Sociology | No Transfer Equivalent **OR**<br>ANTHR 2 Cultural Anthropology or 2H<br>SOCIO 1 Introduction to Sociology or 1H |
| BEH 250 | Professional Reading and Writing in the Behavioral Science | No Transfer Equivalent |
| CST 110 | Old Testament Survey | No Transfer Equivalent |
| CST 130 | New Testament Survey | No Transfer Equivalent |
| PSY 213 | General Psychology | PSYCH 1 Introduction to Psychology or 1H |

| **CHRISTIAN STUDIES** | | |
|---|---|---|
| CSTXXX | Christian Studies Courses | No Transfer Equivalent |

| **CHEMICAL ENGINEERING/CIVIL ENGINEERING/ELECTRICAL AND COMPUTER ENGINEERING/ENGINEERING/MECHANICAL ENGINEERING/SOFTWARE ENGINEERING** | | |
|---|---|---|
| BIO 146 | General Biology I with Lab | BIO 1A Biology for Science Majors |
| BIO 204 | Microbiology for Engineers | No Transfer Equivalent |
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| CHE 125 | General Chemistry II with Lab | CHEM 1B General Chemistry |
| CHE 130 | Introduction to Chemistry for Engineers | CHEM 1A General Chemistry |
| EGR 101 | Engineering from a Christian Worldview | No Transfer Equivalent |
| EGR 102 | Introduction to Engineering Design | No Transfer Equivalent |
| EGR 103 | Engineering Service I | No Transfer Equivalent |
| EGR 121 | Introduction to Computer Programing in C++ | ENGR 54 Computer Methods |
| EGR 122 | Visualization Languages I | No Transfer Equivalent |

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## LONG BEACH CITY COLLEGE

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| CHEMICAL ENGINEERING/CIVIL ENGINEERING/ELECTRICAL AND COMPUTER ENGINEERING/ENGINEERING/MECHANICAL ENGINEERING/SOFTWARE ENGINEERING (CONTINUED) | | |
|---|---|---|
| ***CALIFORNIA BAPTIST UNIVERSITY*** | | ***LONG BEACH CITY COLLEGE*** |
| EGR 182 | Introductory Mathematics for Engineering Applications | No Transfer Equivalent |
| EGR 192 | Engineering Seminar I | No Transfer Equivalent |
| EGR 202 | Worldview Reflection I | No Transfer Equivalent |
| EGR 221 | Data Structures in C++ | No Transfer Equivalent |
| EGR 222 | Software Engineering | No Transfer Equivalent |
| EGR 223 | Software Engineering Approach to Human Computer Interaction | No Transfer Equivalent |
| EGR 225 | Discreet Structures I | No Transfer Equivalent |
| EGR 226 | Operating Systems and Networking | No Transfer Equivalent |
| EGR 231 | Circuit Theory I | ENGR 17 Electrical Engineering Circuits & ENGR 17L |
| EGR 232 | Circuit Theory II +Design | No Transfer Equivalent |
| EGR 234 | Digital Logic Design | No Transfer Equivalent |
| EGR 241 | Statics | ENGR 35 Statics |
| EGR 242 | Strength of Materials | No Transfer Equivalent |
| EGR 251 | Surveying | No Transfer Equivalent |
| EGR 254 | Materials Engineering | No Transfer Equivalent |
| EGR 256 | Principles of Environmental Engineering and Science | No Transfer Equivalent |
| EGR 271 | Basic Principles and Calculations in Chemical Engineering I | No Transfer Equivalent |
| EGR 272 | Basic Principles and Calculations in Chemical Engineering II | No Transfer Equivalent |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| MAT 255 | Analytical Geometry and Calculus II | MATH 70 Second Calculus Course |
| PHY 201 | Physics for Engineers I with Lab | PHYS 3A Physics for Scientists/Engineers |
| PHY 203 | Physics for Engineers II with Lab | PHYS 3B & 3C Physics for Scientists/Engineers |

| CLINICAL HEALTH SCIENCE | | |
|---|---|---|
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 173 | Medical Terminology | AH 60 Medical Terminology |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| HSC 104 | Survey of U.S. Health Care Delivery | No Transfer Equivalent |
| HSC 210 | Ethics in Health Care | No Transfer Equivalent |

| COMMUNICATION DISORDERS | | |
|---|---|---|
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 153 | Anatomy and Physiology I with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| HSC 210 | Ethics in Health Care | No Transfer Equivalent |
| PSY 120 | Lifespan Development for the Health Professions | No Transfer Equivalent |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| CDS 101 | Introduction to Communication Disorders | No Transfer Equivalent |
| CDS 210 | Hearing Science | No Transfer Equivalent |
| CDS 220 | Speech Science | No Transfer Equivalent |
| CDS 230 | Phonetics | No Transfer Equivalent |

| COMMUNICATION STUDIES | | |
|---|---|---|
| COM 110/210 | Forensics Workshop (3 units) | No Transfer Equivalent |
| COM 113 | Oral Communications | COMM 10 Elements of Public Speaking |

| CONSTRUCTION MANAGEMENT | | |
|---|---|---|
| ACC 250 | Accounting I | ACCTG 1A Principles of Accounting |
| BUS 217 | Microeconomics | ECON 1B Micro Economic Analysis |
| BUS 218 | Macroeconomics | ECON 1A Macro Economic Analysis |
| BUS 237 | Management Based on Biblical Principles | No Transfer Equivalent |
| COM 113 | Oral Communications | COMM 10 Elements of Public Speaking |
| CON 102 | Construction Management from a Christian Worldview | No Transfer Equivalent |
| CON 205 | Plan Reading and Estimating | No Transfer Equivalent |
| CON 210 | Leadership in Energy and Environmental Design and BIM | No Transfer Equivalent |

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|---|---|---|
| **CONSTRUCTION MANAGEMENT (CONTINUED)** | | |
| EGR 102 | Introduction to Engineering Design | No Transfer Equivalent |
| EGR 103 | Engineering Service I | No Transfer Equivalent |
| EGR 121 | Introduction to Computer Programing in C++ | ENGR 54 Computer Methods |
| EGR 122 | Visualization Languages I | No Transfer Equivalent |
| EGR 182 | Introductory Mathematics for Engineering Applications | No Transfer Equivalent |
| EGR 202 | Worldview Reflection I | No Transfer Equivalent |
| EGR 241 | Statics | ENGR 35 Statics |
| EGR 251 | Surveying | No Transfer Equivalent |
| EGR 254 | Materials Engineering | No Transfer Equivalent |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| PHY 201 | Physics for Engineers I with Lab | PHYS 2A General Physics |
| **CRIMINAL JUSTICE** | | |
| CJS 113 | Introduction to Criminal Justice | ADJUS 2 Introduction, Administration of Justice |
| POL 213 | American Government | POLSC 1 Introduction to Government or 1H |
| POL 223 | State and Local Government | No Transfer Equivalent |
| **EARLY CHILDHOOD STUDIES** | | |
| ECH XXX | Early Childhood Studies (no lower division requirements) | No Transfer Equivalent |
| **ENGLISH** | | |
| ENG 201 | Introduction to Literature for Majors and Minors | No Transfer Equivalent |
| ENG 213 | British Literature I **OR** | ENGL 46 Survey of British Literature I |
| ENG 223 | British Literature II | ENGL 47 Survey of British Literature II |
| ENG 233 | American Literature I **OR** | ENGL 41 American Literature I |
| ENG 243 | American Literature II | ENGL 42 American Literature II |
| ENG 253 | World Literature I **OR** | No Transfer Equivalent |
| ENG 263 | World Literature II | No Transfer Equivalent |
| **ENVIRONMENTAL SCIENCE** | | |
| BIO 114 | General Botany with Lab | No Transfer Equivalent |
| BIO 146 | General Biology I with Lab | BIO 1A Biology for Science Majors |
| BIO 148 | General Biology II with Lab | BIO 1B Biology for Science Majors |
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| CHE 125 | General Chemistry II with Lab | CHEM 1B General Chemistry |
| ENV 110 | Introduction to Environmental Sciences with Lab | No Transfer Equivalent |
| MAT 145 | Mathematical Methods in the Natural Sciences | No Transfer Equivalent |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| **EXERCISE SCIENCE** | | |
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 153 | Anatomy and Physiology I with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| BIO 163 | Anatomy and Physiology II with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| KIN 264 | Movement Anatomy | No Transfer Equivalent |
| KIN 274 | Applied Movement Anatomy | No Transfer Equivalent |
| PSY 213 | General Psychology | PSYCH 1 Introduction to Psychology or 1H |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| **FILM STUDIES** | | |
| DES 110 | Design Thought Foundations I | No Transfer Equivalent |
| FLM 105 | Introduction to Film | FILM 1 Introduction to Film |
| FLM 150 | Film History | FILM 2 Film History |
| FLM 250 | Film Theory and Criticism | No Transfer Equivalent |
| **FOUNDATIONAL MATHEMATICS** | | |
| MAT 101 | Orientation to the Discipline | No Transfer Equivalent |
| MAT 125 | Mathematics Concepts and Applications I | No Transfer Equivalent |
| MAT 127 | Mathematics Concepts and Applications II | No Transfer Equivalent |
| MAT 135 | Pre-calculus | MATH 50 Precalculus Math |

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| **FOUNDATIONAL MATHEMATICS (CONTINUED)** | | |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| MAT 250 | Modeling and Applications of Calculus | No Transfer Equivalent |
| MAT 255 | Analytical Geometry and Calculus II | MATH 70 Second Calculus Course |
| **GLOBAL COMMUNITY SCIENCE** | | |
| BIO 205 | Human Microbiology with Lab | BIO 2 General Microbiology |
| BUS 218 | Macroeconomics | ECON 1A Macro Economic Analysis |
| CHE 102 | Fundamentals of Chemistry | CHEM 1A, 2, or 3 |
| CHE 112 | Organic & Biochemistry for the Health Sciences with Lab | No Transfer Equivalent |
| ENV 110 | Introduction to Environmental Sciences with Lab | No Transfer Equivalent |
| GCS 101 | Introduction to Global Community Science | No Transfer Equivalent |
| ICS 105 | Introduction to Global Studies | No Transfer Equivalent |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| **GRAPHIC DESIGN AND DIGITAL MEDIA** | | |
| DES 110 | Design Thought Foundations I | No Transfer Equivalent |
| DES 112 | Design Thought Foundations II | No Transfer Equivalent |
| GDM 110 | Fundamental Design | No Transfer Equivalent |
| GDM 120 | Fundamental Typography | No Transfer Equivalent |
| GDM 130 | Fundamental Image | No Transfer Equivalent |
| GDM 240 | Design movements of the 20th Century | ART 3 Modern and Contemporary Art or 3H |
| **HEALTH EDUCATION** | | |
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 153 | Anatomy and Physiology I with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| BIO 173 | Medical Terminology | AH 60 Medical Terminology |
| BEH 100 | Survey of the Behavioral Sciences | No Transfer Equivalent |
| HSC 104 | Survey of U.S. Health Care Delivery | No Transfer Equivalent |
| HSC 210 | Ethics in Health Care | No Transfer Equivalent |
| KIN 212 | First Aid and Safety | KINPP 23 First Aid and Safety |
| PSY 120 | Lifespan Development for the Health Professions | No Transfer Equivalent |
| PSY 213 | General Psychology | PSYCH 1 Introduction to Psychology or 1H |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| **HEALTH SCIENCE** | | |
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 146 | General Biology I with Lab | BIO 1A Biology for Science Majors |
| BIO 173 | Medical Terminology | AH 60 Medical Terminology |
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| CHE 125 | General Chemistry II with Lab | CHEM 1B General Chemistry |
| HSC 104 | Survey of U.S. Health Care Delivery | No Transfer Equivalent |
| HSC 210 | Ethics in Health Care | No Transfer Equivalent |
| MAT 145 | Mathematical Methods in Natural Sciences | No Transfer Equivalent |
| PHY 114 & 124<br>PHY 214 & 224 | General Physics I & II with Labs **OR**<br>Physics for Scientists I & II with Lab | PHYS 2A & 2B General Physics<br>PHYS 3A & 3B & 3C Physics for Scientists/Engineers |
| PSY 213 | General Psychology | PSYCH 1 Introduction to Psychology or 1H |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| **HEALTHCARE ADMINISTRATION** | | |
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 173 | Medical Terminology | AH 60 Medical Terminology |
| HSC 104 | Survey of U.S. Health Care Delivery | No Transfer Equivalent |
| HSC 210 | Ethics in Health Care | No Transfer Equivalent |
| **HISTORY** | | |
| HIS 213 | History of the United States I | HIST 10 History/Early America or 10H |
| HIS 223 | History of the United States II | HIST 11 History/Modern American or 11H |
| HUM 213 | Humanities I | No Transfer Equivalent |
| HUM 223 | Humanities II | No Transfer Equivalent |

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|---|---|---|
| **INTERCULTURAL STUDIES** | | |
| ICSXXX | Christian Studies Courses | No Transfer Equivalent |
| **INTERNATIONAL HEALTH** | | |
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| ANT 225 | Cultural Anthropology | ANTHR 2 Cultural Anthropology or 2H |
| BIO 205 | Human Microbiology with Lab | BIO 2 General Microbiology |
| CHE 102 | Fundamentals of Chemistry | CHEM 1A, 2, or 3 |
| CHE 112 | Organic and Biochemistry for Health Sciences with Lab | No Transfer Equivalent |
| ENV 110 | Introduction to Environmental Science with Lab | No Transfer Equivalent |
| INH 101 | Introduction to International Health | No Transfer Equivalent |
| INH 200 | Maternal & Child Health in Developing Countries | No Transfer Equivalent |
| INH 220 | Population Health and Family Planning | No Transfer Equivalent |
| POL 250 | Introduction to International Politics | POLSC 4 World Politics |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| **INTERNATIONAL STUDIES** | | |
| ANT 225 | Cultural Anthropology | ANTHR 2 Cultural Anthropology or 2H |
| BUS 218 | Macroeconomics | ECON 1A Macro Economic Analysis |
| ICS 105 | Introduction to Global Studies | No Transfer Equivalent |
| POL 250 | Introduction to International Politics | POLSC 4 World Politics |
| POL 255 | Introduction to Comparative Politics | POLSC 2 Comparative Government |
| **JOURNALISM AND NEW MEDIA** | | |
| JRN 150 | Media and Society | JOURN 10 Intro to Global Media Communications |
| JRN 170 | Writing for Mass Media | JOURN 20 Beginning Newswriting and Reporting |
| JRN 210 | Digital Photography | JOURN 36 Digital Photojournalism |
| JRN 216 | Digital Storytelling | No Transfer Equivalent |
| JRN 254 | Publication Layout and Design | No Transfer Equivalent |
| **KINESIOLOGY** | | |
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 153 | Anatomy and Physiology I with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| KIN 108<br>KIN 109 | Aquatic Activity (excluding varsity sport participation) **OR**<br>Lifesaving | KING 76 Swimming<br>KING 55 Lifeguard/Water Safety Training |
| KIN 110-122 | Physical Activity (excluding varsity sport participation) (3 units) | KING 9-32, 65-74, 83-90; KINPF 3-4, 8, 53, 54 |
| KIN 264 | Movement Anatomy | No Transfer Equivalent |
| KIN 274 | Applied Movement Anatomy | No Transfer Equivalent |
| **LEADERSHIP STUDIES** | | |
| LDR XXX | Leadership Studies (no lower division requirements) | No Transfer Equivalent |
| **LIBERAL STUDIES** | | |
| | Liberal Studies Coursework | See Liberal Studies Agreement |
| **MARKETING** | | |
| ACC 250 | Principles of Accounting I | ACCTG 1A Principles of Accounting |
| ACC 251 | Principles of Accounting II | ACCTG 1B Principles of Accounting |
| BUS 101 | Introduction to Business | GBUS 5 Introduction to Business |
| BUS 217 | Microeconomics | ECON 1B Micro Economic Analysis |
| BUS 218 | Macroeconomics | ECON 1A Macro Economic Analysis |
| BUS 237 | Management Based on Biblical Principles | No Transfer Equivalent |
| CIS 270 | Business IT Application | No Transfer Equivalent |
| **MATHEMATICS** | | |
| CIS 268 | Computer Programming Languages | CBIS 8B, CS 11-13 |
| MAT 245 | Analytical Geometry and Calculus I | MATH 60 First Calculus Course |
| MAT 250 | Modeling and Applications of Calculus | No Transfer Equivalent |
| MAT 255 | Analytical Geometry and Calculus II | MATH 70 Second Calculus Course |
| PHY 214 | Physics for Scientists I with Lab | PHYS 3A Physics for Scientists/Engineers |
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# CALIFORNIA BAPTIST UNIVERSITY

## LONG BEACH CITY COLLEGE

### COURSES VALID FOR CBU CATALOGS: 2013-2014

*September 1, 2013 – August 31, 2014*

## LOWER DIVISION MAJOR COURSES APPROVED FOR TRANSFER

**These lower division courses are articulated specifically for each major, and the transfer equivalencies may not pertain to other majors and/or general education. The Office of the Registrar reserves the right to alter and revise the contents of this articulation agreement at any time.**

| *CALIFORNIA BAPTIST UNIVERSITY* | | *LONG BEACH CITY COLLEGE* |
|---|---|---|
| **MUSIC** | | |
| MUS 114 | Music Theory I | MUSIC 1A Music Theory I |
| MUS 115 | Musicianship Lab I | MUSIC 5 Musicianship |
| MUS 124 | Music Theory II | MUSIC 1B Music Theory II |
| MUS 125 | Musicianship Lab II | MUSIC 9 Musicianship II |
| MUS 202 | Music in Global Cultures | No Transfer Equivalent |
| MUS 214 | Music Theory III | MUSIC 2A Music Theory III |
| MUS 215 | Musicianship Lab III | MUSIC 10 Musicianship III |
| MUS 221 | Music in Worship | No Transfer Equivalent |
| MUS 224 | Music Theory IV | MUSIC 2B Music Theory IV |
| MUS 225 | Musicianship Lab IV | MUSIC 16 Musicianship IV |
| MUS 282 | Music Technology | MUSIC 71AD Introduction to Music Technology |

| **NURSING (PRE-REQUISITES) **** | | |
|---|---|---|
| BIO 153 | Human Anatomy and Physiology I with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| BIO 163 | Human Anatomy and Physiology II with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| BIO 205 | Human Microbiology with Lab | BIO 2 General Microbiology |
| CHE 102 | Fundamentals of Chemistry | CHEM 1A, 2, or 3 |
| CHE 112 | Organic Chemistry and Biochemistry for Health Sciences w/ Lab | No Transfer Equivalent |
| COM 113 | Oral Communication | COMM 10 Elements of Public Speaking |
| ENG 113 | Composition | ENGL 1 Reading and Composition or 1H |
| ENG 123 | Intermediate Composition | ENGL 3 Argumentative and Critical Writing or 3H |
| MAT 115<br>STA 144 | Intermediate Algebra **OR**<br>Introduction to Statistics | MATH 130 Intermediate Algebra<br>STAT 1 Elementary Statistics or 1H |
| PSY 120 | Lifespan Development for the Health Professions | No Transfer Equivalent |

**Pre-requisites must be passed with a "C" or better to receive credit for the nursing major

| **NUTRITION AND FOOD SCIENCES** | | |
|---|---|---|
| ALH 101 | Introduction to Allied Health Professions | No Transfer Equivalent |
| BIO 153 | Anatomy and Physiology I with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| BIO 163 | Anatomy and Physiology II with Lab | ANAT 1 & PHYSI 1 Human Anatomy & Human Physiology |
| BIO 173 | Medical Terminology | AH 60 Medical Terminology |
| BIO 205 | Human Microbiology with Lab | BIO 2 General Microbiology |
| CHE 112 | Organic Chemistry and Biochemistry for Health Sciences w/ Lab | BIO 2 General Microbiology |
| CHE 115 | General Chemistry I with Lab | CHEM 1A General Chemistry |
| CHE 125 | General Chemistry II with Lab | CHEM 1B General Chemistry |
| COM 113 | Oral Communications | COMM 10 Elements of Public Speaking |
| HSC 210 | Ethics in Health Care | No Transfer Equivalent |
| STA 144 | Introduction to Statistics | STAT 1 Elementary Statistics or 1H |
| PSY 213 | General Psychology | PSYCH 1 Introduction to Psychology or 1H |
| SOC 213<br>ANT 225 | Introduction to Sociology **OR**<br>Cultural Anthropology | SOCIO 1 Introduction to Sociology or 1H<br>ANTHR 2 Cultural Anthropology or 2H |
| NFS 101 | Introduction to Nutrition and Food Sciences | No Transfer Equivalent |
| NFS 104 | Introduction to Foods and Preparation | F_N 21 Food Selection and Meal Preparation |
| NFS 200 | Lifecycle Nutrition | No Transfer Equivalent |
| NFS 210 | Experimental Foods | No Transfer Equivalent |
| NFS 220 | Food, Culture and Society | No Transfer Equivalent |

| **PHILOSOPHY** | | |
|---|---|---|
| CSTXXX | Christian Studies Courses | No Transfer Equivalent |
| PHI 213 | Introduction to Philosophy | PHIL 6 Introduction to Philosophy or 6H |

| **PHOTOGRAPHY** | | |
|---|---|---|
| DES 110 | Design Thought Foundations I | No Transfer Equivalent |
| DES 112 | Design Thought Foundations II | No Transfer Equivalent |
| GDM 130 | Fundamental Image | No Transfer Equivalent |
| PHO 105 | The Camera | No Transfer Equivalent |
| PHO 110 | Fundamental Commercial Photography | No Transfer Equivalent |
| PHO 120 | Fundamental Fine Art Photography | No Transfer Equivalent |
| PHO 140 | History of Photography | PHOT 10 History of Photography |

**Refer to the CBU catalog for a complete list of degree requirements and transfer restrictions**

- CBU students must have a Transfer Course Approval form on file with the Office of the Registrar for courses not listed on this agreement (see CBU website).
- A maximum of 70.0 semester units is allowable for transfer from community colleges.
- Courses completed at lower division level are not eligible for upper division credit.
- Only coursework with grades of C- or better are eligible for transfer.
- Students will be awarded elective credit for baccalaureate level courses not listed on this agreement.

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| *CALIFORNIA BAPTIST UNIVERSITY* | | *LONG BEACH CITY COLLEGE* |
|---|---|---|
| **POLITICAL SCIENCE** | | |
| POL 213 | American Government | POLSC 1 Introduction to Government or 1H |
| POL 223<br>POL 250<br>POL 255 | State and Local Government **OR**<br>Introduction to International Politics **OR**<br>Introduction to Comparative Politics | No Transfer Equivalent **OR**<br>POLSC 4 World Politics **OR**<br>POLSC 2 Comparative Government |
| **POLITICAL SCIENCE WITH PRE-LAW EMPHASIS** | | |
| POL 213 | American Government | POLSC 1 Introduction to Government or 1H |
| POL 223 | State and Local Government | No Transfer Equivalent |
| **PSYCHOLOGY** | | |
| PSY 213 | General Psychology | PSYCH 1 Introduction to Psychology or 1H |
| **PUBLIC RELATIONS** | | |
| JRN 170 | Writing for Mass Media | JOURN 20 Beginning Newswriting and Reporting |
| COM 113 | Oral Communications | COMM 10 Elements of Public Speaking |
| JRN 220 | Podcasting and Broadcasting Principles | No Transfer Equivalent |
| **SOCIOLOGY** | | |
| SOC 213 | Introduction to Sociology | SOCIO 1 Introduction to Sociology or 1H |
| **SPANISH** | | |
| SPA 115 | Elementary Spanish I | SPAN 1 Elementary Spanish |
| SPA 125 | Elementary Spanish II | SPAN 2 Elementary Spanish |
| SPA 213 | Intermediate Spanish | SPAN 3 Intermediate Spanish or 3H |
| SPA 223 | Intermediate Spanish | SPAN 4 Intermediate Spanish |
| SPA 233 | Intermediate Conversational Spanish | No Transfer Equivalent |
| **THEATRE** | | |
| THE 111 | Fundamentals of Stagecraft | TART 40 Stage Craft |
| THE 113 | Makeup for Stage and Screen | TART 55 Stage Makeup |
| THE 163/263 | Production Practicum: Performance | TART 50 Major Production Performance |
| THE 164/264 | Production Practicum: Technical | No Transfer Equivalent |
| THE 183 | Acting I: Fundamentals of Acting | TART 1 Acting I - Introduction to Acting |
| THE 211 | Introduction to Stage Design and Management | No Transfer Equivalent |
| THE 232 | Play Structure and Analysis | No Transfer Equivalent |
| **VISUAL ARTS** | | |
| ART 201 | Principles of Design and Color | No Transfer Equivalent |
| ART 204 | Basic Drawing | No Transfer Equivalent |
| ART 241 | History of Art: Ancient to Renaissance | ART 15 Beginning Drawing |
| ART 242 | History of Art: Renaissance to Present | No Transfer Equivalent |
| DES 110 | Design Thought Foundations I | No Transfer Equivalent |
| DES 112 | Design Thought Foundations II | No Transfer Equivalent |
| Three (3) additional lower division units in Studio Art | | ART 19-28, 50-53, 60-72 |

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