Addenda

Bachelor of Science in Cancer Biology
Approved March 13, 2020

Requirements | Hours
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Core Curriculum Requirements | |
Area I: Written Communication | 6
Area II: Humanities and Fine Arts (PH 116 required) | 12
Area III: Natural Science and Mathematics | 0
Area IV: History, Social and Behavioral Sciences | 12
Biology Courses | 14
BY 123 Introductory Biology I & 123L and Introductory Biology I Laboratory
BY 124 Introductory Biology II & 124L and Introductory Biology II Laboratory
BY 210 Genetics
BY 330 Cell Biology
Chemistry Courses | 19
CH 115 General Chemistry I & CH 116 and General Chemistry I Laboratory
CH 117 General Chemistry II & CH 118 and General Chemistry II Laboratory
CH 235 Organic Chemistry I & CH 236 and Organic Chemistry I Laboratory
CH 237 Organic Chemistry II & CH 238 and Organic Chemistry II Laboratory
CH 460 Fundamentals of Biochemistry
Cancer Biology Courses | 22
CNBY 210 Colloquium in Cancer Biology
CNBY 320 Introduction to Cancer Biology
CNBY 410 Proliferation and Carcinogenesis
CNBY 420 Genetic Basis of Cancer
CNBY 480 Journal Club in Cancer Biology 2
CNBY 495 Undergraduate Research in Cancer Biology 3
CNBY 499 Senior Undergraduate Research Capstone Course 3
Other Required Courses | 17
CAS 112 Success in College
PSDO 200 Introduction to Research
MA 125 Calculus I
MA 180 Introduction to Statistics
PH 201 College Physics I or PH 221 General Physics I
PH 202 College Physics II or PH 222 General Physics II
Major Electives (must take 2) | 6
CH 461 Advanced Biochemistry
CH 463 Biochemistry Laboratory or CH 464 Physical Biochemistry Laboratory
CH 471 Medicinal Chemistry and Drug Discovery
CH 472 Chemistry of Natural Products
CNBY 430 Tumor Survival and the Microenvironment
CNBY 440 Cell Signaling and Cancer
CNBY 460 Tumor Pathobiology and Immunology
CNBY 470 Cancer Treatment

General Electives 4 12
Total Hours 120

1. Area III credit requirements are included with major courses.
2. 1 credit hour per term, must be taken twice.
3. Undergraduate Research: Cancer Biology Majors are required to complete a minimum of 9 semester credit hours of research under the direction of a faculty member beginning no later than the first semester of their junior year. However, qualified students may identify a mentor and begin conducting research as early as their sophomore year if prerequisites are met and approval by the faculty mentor and program co-directors.
4. Recommended but not required courses include: BIO 477, 478, 499, and MIC 275.

Bachelor of Science in Entrepreneurship
Approved April 9, 2020

Requirements | Hours
---|---
Core Curriculum Requirements | 41
CMST 101 Public Speaking
EC 210 Principles of Microeconomics
EC 211 Principles of Macroeconomics
Lower-level Business Core
BUS 101 Introduction to Business
or BUS 102 Business Foundations
BUS 110 Essentials of Financial Literacy
AC 200 Principles of Accounting I
AC 201 Principles of Accounting II
LS 246 Legal Environment of Business
QM 214 Quantitative Analysis I
QM 215 Quantitative Analysis II
Upper-level Business Core:
BUS 305 Professional Development for Today's Workplace
BUS 350 Business Communications
FN 310 Fundamentals of Financial Management
MG 302 Management Processes and Behavior
IS 303 Information Systems
MK 303 Basic Marketing
International Business 1
MG 403 Operations Management
or DB 320 Distribution Management
BUS 450 Strategic Management Capstone Experience
Entrepreneurship Major Requirements
ENT 270 The Entrepreneurial Mindset
ENT 320 Entrepreneurial Accounting and Finance
ENT 421 Entrepreneurial Marketing and Sales
ENT 422 Entrepreneurial Strategy and Operations
Social and Community Enterprise
ENT 425 Entrepreneurial Engagement Seminar
Major Electives | 6
ENT 424 Entrepreneurial New Product and Service Development
ENT 426 Practicum in Commercialization
ENT 445 Entrepreneurial Internship
ENT 450 I-Corps Lean Startup
ENT 499 Directed Study in Entrepreneurship
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Hours</th>
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<tbody>
<tr>
<td>IB 495</td>
<td>Business Study Abroad</td>
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<tr>
<td>HC 314</td>
<td>Honors Seminar in Business</td>
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<td></td>
<td>General Electives</td>
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<tr>
<td>Total</td>
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<td>120</td>
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1. Select from EC 407, FN 412, MG 415, MK 416, AC 440, or IB 495.