ELIGIBILITY REQUIREMENTS: In order for a student to be admitted to a program plan in the Zicklin School of Business, s/he must complete the following courses (marked with *) with an overall GPA of at least 2.25: ACC 2101, CIS 2200, ECO 1001, ECO 1002, ENG 2100, LAW 1101, MTH 2205 (or equivalent), and STA 2000. All required pre-business courses are highlighted below. In addition, students must have completed a minimum of 45 credits overall (including the above eight courses) with an overall Baruch GPA of at least 2.25. Included in the 45 credits must be ENG 2150 and COM 1010.

**CUNY PATHWAYS**

**BBA in Computer Information Systems (General Track)**

<table>
<thead>
<tr>
<th>Liberal Arts – 62 Credits</th>
<th>Business – 54 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REQUIRED CORE (42-43 credits)</strong></td>
<td><strong>REQUIRED BUSINESS COURSES (30 credits)</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Pre-Business Courses</strong></td>
</tr>
</tbody>
</table>
| | *ACC 2101*  
Principles of Accounting  
*BUS 1011*  
Business Fundamentals: The Contemporary Business Landscape  
*CIS 2200*  
Introduction to Information Systems and Technologies  
*LAW 1101*  
Fundamentals of Business Law  |
| | **Business Base** |
| | *ACC 2203*  
Principles of Managerial Accounting  
BPL 5100  
Business Policy  
FIN 3000  
Principles of Finance  
MGT 3120  
Fundamentals of Management  
MGT 3121  
Service Operations Management  
MKT 3000  
Marketing Foundations  |
| | **REQUIRED MAJOR (24 credits)** |
| | **Required Courses (15 Credits)** |
| | *CIS 2200*  
Programming and Computational Thinking  
*(Choose From:)*  
*CIS 3100*, or  
Object Oriented Programming I, or  
*CIS 3110*, or  
Object Oriented Programming with Java, or  
*CIS 3120*  
Programming for Analytics  |
| | **Elective Courses (9 credits)** |
| | At least 3 credits should be from a course at the 4000 level  
*CIS 3120*  
Object Oriented Programming I  
*CIS 3130*  
Object Oriented Programming with Java  
*CIS 3140*  
Programming for Analytics  
*CIS 3150*  
Introduction to Semantic Technologies  
*CIS 3250*  
Blockchain Technologies and Applications  
*CIS 3367*  
Spreadsheet Applications in Business  
*CIS 3444*  
E-Business Technologies  
*CIS 3500*  
Networks and Telecommunications I  
*CIS 3550*  
Cybersecurity  
*CIS 3630*  
Principles of Web Design  
*CIS 3700*  
Green IT  
*CIS 3710*  
Foundations of Business Analytics  
*CIS 3750*  
Social Media Technologies in Organizations  
*CIS 3770*  
Usability, Privacy, and Security  |
| | **REQUIRED COLLEGE OPTION / LIBERAL ARTS MINOR (12 credits)** |
| | **Course 1: ENG/CMP 2800/2850: Great Works of Literature**  
**Course 2: 4000-level CIC “capstone” course for one of the liberal arts minors**  
**Course 3: 2nd 3000-level liberal arts course towards the same liberal arts minor**  
**Course 4: 1st 3000-level liberal arts course towards the same liberal arts minor**  
*2nd degree students are waived from the college options/ liberal arts minor requirement.*  
**ELECTIVES** |
| **8 Liberal arts elective credits to fulfill 62-credit liberal arts requirement, and 8 free elective credits to fulfill graduation requirement of 124 credits.** | **ORE 3300**  
Quantitative Methods for Accounting  
**ORE 3460**  
Quantitative Decision Making for Business  |
| | **DATA 4920**  
Advanced Data Mining  
*CIS 4083*  
Special Topics in Computer Information Systems ( incentivized student health management)  
*CIS 4100*  
Object Oriented Programming I  
*CIS 4160*  
Web Applications Development  
*CIS 4170/STA 4170*  
Data Visualization  
*CIS 4350*  
Information Technology Audit  
*CIS 4400*  
Data Warehousing for Analytics  
*CIS 4500*  
Networks and Telecommunications II  
*CIS 4620*  
Financial Information Technologies  
*CIS 4650*  
Operating Systems Concepts  
**OPR 3300**  
Quantitative Methods for Accounting  
**OPR 3460**  
Quantitative Decision Making for Business  |

*Students may not receive credit for both OPR 3450 and OPR 3300.  
** Students receiving credit for MGT 3500 (Introduction to Management Science) will not receive credit for OPR 3450.  
† If you have used one of these programming courses (CIS 3100, CIS 3110, CIS 3120) as a required course, you may use the others as electives.*
### CUNY PATHWAYS
#### DIY Checklist

**BBA IN COMPUTER INFORMATION SYSTEMS PROGRAM (124 credits)**

#### LIBERAL ARTS (62 Credits)

<table>
<thead>
<tr>
<th>Required Common Core</th>
<th>Credits Earned</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(both required, 6 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* ENG 2100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 2150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quantitative Skills</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1 required, 3 or 4 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* MTH 2205/2207/2610</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Life and Physical Sciences</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1 required, 3 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIO 1012/1016/2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHM 1004/2003</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENV 1004</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHY 2001/2003/3010</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
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</tr>
</tbody>
</table>

#### FLEXIBLE Common Core (18 credits)

Six courses required. One course from each of the 5 categories and 1 additional course in any category. Choose at least one course from each category; no more than one course from any one department, discipline, or interdisciplinary field.

**World Cultures and Global Issues**
- ANT 1001
- HIS 1001/1003
- HSP/LTS 1003
- POL 2001/2260

**U.S. Experiences in its Diversity**
- BLS 1001
- HIS 1000/1005
- PAF/PUB 1250
- POL 1101/2332

**Creative Expression**
- ART 1000/1011/1012
- MSC 1003/1005
- THE 1041

**Individual and Society**
- PHI 1500/1600/1700
- SOC 1005

**Scientific World**
- BIO 1011L/1015L/2010
- CHM 1003L/2003
- ENV 1003L
- PHY 2002L/2003/3010
- PSY 1001

**Sixth Course**
(from one of the 5 groups above)

**TOTAL**

**Liberal Arts Electives**

<table>
<thead>
<tr>
<th>Credits Earned</th>
<th>Grade</th>
</tr>
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</table>

**6-12 credits**

<table>
<thead>
<tr>
<th>4000-level CIC Capstone</th>
</tr>
</thead>
<tbody>
<tr>
<td>2nd 3000-level</td>
</tr>
<tr>
<td>1st 3000-level</td>
</tr>
</tbody>
</table>

**TOTAL**

*Make sure to check prerequisites to all courses before registering.*

#### BUSINESS (54 Credits)

<table>
<thead>
<tr>
<th>Required Business Courses</th>
<th>Credits Earned</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Liberal Arts Pre-Business Courses</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* ENG 2100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENG 2150</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* ECO 1001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* ECO 1002</td>
<td></td>
<td></td>
</tr>
<tr>
<td>* STA 2000</td>
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<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Additional Pre-Business Courses**

<table>
<thead>
<tr>
<th>Credits Earned</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
</tr>
<tr>
<td>BUS 1011</td>
<td></td>
</tr>
<tr>
<td>* CIS 2200</td>
<td></td>
</tr>
<tr>
<td>* LAW 1101</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL**

#### COLLEGE OPTION/LIBERAL ARTS MINOR

6-12 credits

<table>
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<tr>
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- CHM 1003L/2003
- ENV 1003L
- PHY 2002L/2003/3010
- PSY 1001

**Sixth Course**
(from one of the 5 groups above)

**TOTAL**

#### Major (24 Credits)

<table>
<thead>
<tr>
<th>Credits Earned</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 2300</td>
<td></td>
</tr>
<tr>
<td>CIS 3100, 3110, or 3120</td>
<td></td>
</tr>
<tr>
<td>CIS 3400</td>
<td></td>
</tr>
<tr>
<td>CIS 4800</td>
<td></td>
</tr>
<tr>
<td>CIS 5800</td>
<td></td>
</tr>
</tbody>
</table>

**9 Major Elective Credits**

**TOTAL**

#### Free electives (3-15 credits)

**TOTAL**