**Information Systems**

**Introduction**
The need for Information Technology (IT) in the business industry has shifted into an environment that is more outward looking to compete in the free market. Information Technology is closely related to Information Systems (IS) in their joint support of the organization. They facilitate excellent procedures for the whole organization and strengthen its competitiveness.

As a discipline, Information systems have been making positive contributions to a wide range of organizations, especially in this era of digital transformation where information can be accessed and distributed easily. Information systems help the organization in managing data as an asset, either collected or presented by information systems, which are possible to be implemented for problem-solving and management decisions making.

The Information Systems Study Program was founded in response to the progressive demand for skilled human resources in the field of information systems. The scope of study in the Program includes information systems development (information systems analysis, design and implementation (programming)), management information systems, business process analysis and design, enterprise systems, database analysis and design, and information system project management.

**Vision**
A world class study program that excels in providing high-level Information system education is specialized in business-IT, recognized internationally, and champions innovation.

**Mission**
The missions of Information Systems are:
1. Nurturing students and lecturers with creative and value-adding talents in Information System by creating a suitable environment;
2. Educating students in information systems, covering knowledge and skills in analyzing, designing and implementing information systems for improving business processes and to be able to create an innovative and valuable information system solution, through intensive learning process, research activities and collaboration with global industries;
3. Providing integrated knowledge to pursue further studies and create outstanding professionals, entrepreneurs, and leaders for a global community;
4. Providing professional services in Information System with an emphasis on the application of knowledge to society;
5. Fostering the quality of life of Indonesians and the international community through leveraging Information system solutions.

**Program Objective**
The objectives of the program are to:
1. Equip students with the expertise and solid basic knowledge about system development that will be needed as a professional in the field of information systems, as well as increasing the skills and knowledge of educators in the information systems field;
2. Preparing students with proficiency and in-depth knowledge of innovative information systems related to IT-Business Innovation;
3. Equip students with the ability to use knowledge of applied business applications for specific industrial purposes;
4. Equip the community with expertise and knowledge through the use of information system solutions;
5. Provide education to the public regarding the use and application of information systems.

**Student Outcomes**

After completing the study, graduates are:

1. Able to analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions;
2. Able to design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program’s discipline;
3. Able to communicate effectively in a variety of professional contexts;
4. Able to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles;
5. Able to function effectively as a member or leader of a team engaged in activities appropriate to the program’s discipline;
6. Able to support the delivery, use, and management of information systems within an information systems environment.

**Prospective Career of the Graduates**

Graduates will have the necessary skills to work as:

1. System Analyst
2. Business Analyst
3. Business Process Analyst
4. Digital Business Specialist
5. Enterprise Resource Planning (ERP) Specialist
6. Software Architect
7. Information Security Analyst
8. System Designer
9. Database Administrator
10. Database Analyst
11. Data Scientist
12. User Experience Designer
13. IT/IS Consultant
14. Application Developer
15. Web-Developer/Web-Designer
16. IT Development Project Leader
17. Software Quality Assurance Specialists
18. IT User Liaison
19. IT/IS Researcher
20. Technopreneur
Curriculum

The Information Systems Study Program curriculum is designed by referring to the curriculum recommended by Association for Computing Machinery (ACM) and Association for Information Systems (AIS) for model curriculum and guidelines for an undergraduate degree program in Information Systems. In addition, the curriculum has been influenced by foreign universities with the reputation of qualified Information Systems Study Programs.

The curriculum for the next four years, will prominently consists of:
2. Database, Information and Knowledge Management.
6. Character Building and Language (Indonesian and English).
8. Minor Program
9. Free Electives
10. Enrichment Program
11. Thesis

Course Structure

<table>
<thead>
<tr>
<th>Sem</th>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CHAR6013003</td>
<td>Character Building: Pancasila</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACCT6425003</td>
<td>Introduction to Financial Accounting</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6186003</td>
<td>Business Process Fundamental** (AOL)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6093003</td>
<td>Information System Concept*&amp;**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>COMP6178003</td>
<td>Introduction to Programming</td>
<td>2/2</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>ISYS6675003</td>
<td>Information Technology Infrastructure</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LANG6027003</td>
<td>Indonesian</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Foreign Language Courses</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>CHAR6014003</td>
<td>Character Building: Kewarganegara</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6123003</td>
<td>Introduction to Database Systems*&amp;** (AOL)</td>
<td>2/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6126003</td>
<td>Enterprise System*&amp;** (AOL)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6338003</td>
<td>Testing and System Implementation*&amp;** (AOL)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ENTR6509001</td>
<td>Entrepreneurship: Ideation</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6596003</td>
<td>User Experience Research and Design** (AOL)</td>
<td>4/2</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Foreign Language Courses</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>CHAR6015003</td>
<td>Character Building: Agama</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6677003</td>
<td>Information Systems Analysis and Design*** (AOL)</td>
<td>5/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6197003</td>
<td>Business Application Development</td>
<td>2/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6256003</td>
<td>Information Systems Project Management*&amp;**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6198003</td>
<td>Data and Information Management**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Sem</td>
<td>Code</td>
<td>Course Name</td>
<td>SCU</td>
<td>Total</td>
</tr>
<tr>
<td>-----</td>
<td>---------------</td>
<td>-------------------------------------------------------</td>
<td>-----</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>Foreign Language Courses</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6676003</td>
<td>Advanced Information System Analysis and Design** &amp; ***</td>
<td>5/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6674003</td>
<td>Knowledge Management**</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6478003</td>
<td>Research Methods in Information Systems</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Business Intelligence</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6613003</td>
<td>Business Intelligence**</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6210003</td>
<td>Data Visualization*</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6190003</td>
<td>Advance in Data &amp; Information Management</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Strategic Information System</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6146003</td>
<td>Information System Security*</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS614003</td>
<td>IS Strategy, Management and Acquisition**</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6284003</td>
<td>Analytical Information System</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Digital Technology</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6211003</td>
<td>Web Based Application Development</td>
<td>2/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6285003</td>
<td>Digital and New Media** &amp; ***</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6615003</td>
<td>e-Business Design</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Applied ERP</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6146003</td>
<td>Information System Security*</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6442003</td>
<td>Applied ERP: Fundamental</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6614003</td>
<td>IS Strategy, Management and Acquisition**</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Applied Database</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6613003</td>
<td>Business Intelligence**</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6210003</td>
<td>Data Visualization*</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6567003</td>
<td>Applied Database: Database Programming With SQL and PL/SQL</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Applied Cloud Computing</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6734003</td>
<td>Cloud Computing Foundation*</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6735003</td>
<td>Enterprise Cloud Security and Governance**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Marketing Intelligence</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6755052</td>
<td>Marketing Intelligence</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6756052</td>
<td>Social Media Marketing &amp; Analytics</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minor Program</td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Free Electives</td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Multidisciplinary Stream</td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Foreign Language Courses</td>
<td></td>
<td>0</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Stream: Business Intelligence</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6200003</td>
<td>Data Warehouse**</td>
<td>4/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6199003</td>
<td>Data &amp; Text Mining</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6196003</td>
<td>Business Analytics*</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Sem</td>
<td>Code</td>
<td>Course Name</td>
<td>SCU</td>
<td>Total</td>
</tr>
<tr>
<td>-----</td>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>-----</td>
<td>-------</td>
</tr>
<tr>
<td></td>
<td>ISYS6205003</td>
<td>Enterprise Architecture**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS8066003</td>
<td>Business Process Management</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6202003</td>
<td>Social Informatics*</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6187003</td>
<td>Business Web Solution**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6289003</td>
<td>Collaborative Computing*</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6203003</td>
<td>Mobile Applications Development</td>
<td>2/2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6205003</td>
<td>Enterprise Architecture**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6696003</td>
<td>Applied ERP: Integrated Business Process*</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6201003</td>
<td>Data Warehouse and Data Mining**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6568003</td>
<td>Applied Database: Administration and Recovery</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6569003</td>
<td>Applied Database: Application Development*</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6736003</td>
<td>Cloud Architecting*</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6737003</td>
<td>Cloud Data Analytics**</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6738003</td>
<td>Cloud Machine Learning</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6713052</td>
<td>Managing Content Marketing System</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6714052</td>
<td>Marketing Automation System</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6715052</td>
<td>Search Engine Optimization</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6616003</td>
<td>Pre-Thesis</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6617003</td>
<td>Thesis</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ISYS6117003</td>
<td>Thesis</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

TOTAL CREDITS 146 Credits

*) This course is delivered in English  
**) Global Learning System Course  
***) Entrepreneurship Embedded  
1) Conducted for student mobility program in BINUS @Semarang  
Students are required to choose one of the Stream or Minor Program or Free Electives or Multidisciplinary Stream or Mobility.

-) (AOL) - Assurance of Learning Process System
Streaming/Minor/Free Electives/Multidisciplinary Stream:
- For 4th Semester: Students are required to choose Streaming or Minor Program or Free Electives or Multidisciplinary Stream. For Free Electives, students are required to choose from the list of Free Electives in Appendix.
- For 5th Semester: Students are required to choose choose Streaming or Minor Program or Free Electives or Multidisciplinary Stream same with previous semester. For Free Electives, students are required to choose from the list of Free Electives in Appendix.

Foreign Language Courses:
Students will take foreign language courses according to BINUS University English proficiency test results. See foreign language courses appendix for the details. Students must pass with a minimum Grade of C.

Pre-thesis (2 SCU) & Thesis (4 SCU) can be taken in the 6th and/or 7th semester by the students who meet the requirements from the Study Program/Program

Appendix Foreign Language Courses

<table>
<thead>
<tr>
<th>Foreign Language Courses</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL6253003 English for Frontrunners</td>
<td>0</td>
</tr>
<tr>
<td>ENGL6254003 English for Independent Users</td>
<td>0</td>
</tr>
<tr>
<td>ENGL6255003 English for Professionals</td>
<td>0</td>
</tr>
<tr>
<td>JAPN6190003 Basic Japanese Language</td>
<td>0</td>
</tr>
<tr>
<td>CHIN6163003 Basic Chinese Language</td>
<td>0</td>
</tr>
</tbody>
</table>

1. Students with Binus University English Proficiency Test score less than 437 are required to take English for Frontrunners and English for Independent Users.
2. Students with Binus University English Proficiency Test score less than 520 are required to take English for Independent Users and English for Professionals.
3. Students with Binus University English Proficiency Test score equal to or greater than 520 are required to take English for Professionals and choose Basic Japanese Language or Basic Chinese Language.
4. Students are required to pass the foreign language courses before they take enrichment.
5. Students can see the requirements to pass the foreign language courses at BINUSMAYA – Beelenga.

Minor Scheme

<table>
<thead>
<tr>
<th>Minor Program</th>
<th>Semester 4</th>
<th>Semester 5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minor @ Binus Kemanggisan</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Ecosystem</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Human Capital in Digital Workplace</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Sustainable Development</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Cross Cultural Communication</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Interactive &amp; Users Experience Design</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Data Analytics</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Robotic Process Automation</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Event Business and Entertainment</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Creative Digital Storytelling</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Digital Banking</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Blockchain Technology and Business</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td><strong>Minor @ Binus Alam Sutera</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Transformation</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td><strong>Minor @ Binus Bekasi</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Minor Program

<table>
<thead>
<tr>
<th>Minor Program</th>
<th>Semester 4</th>
<th>Semester 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virtual Service Experience</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Culinary</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td><strong>Minor @ Binus Malang</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital Technopreneur</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td><strong>Minor @ Binus Bandung</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DesignPreneur</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td><strong>Minor @ Binus Semarang</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Metaverse in Business</td>
<td>v</td>
<td>v</td>
</tr>
<tr>
<td>Content Creation</td>
<td>v</td>
<td>v</td>
</tr>
</tbody>
</table>

### 1. Minor Program: Digital Ecosystem

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP6683001 Introduction to Artificial Intelligence</td>
<td>2/2</td>
</tr>
<tr>
<td>ISYS6549003 Digital Innovation</td>
<td>4</td>
</tr>
<tr>
<td>COMP6937001 Current Trends in Technology</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

#### Minor Supporting Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM6501019 Narative Development</td>
<td>4</td>
</tr>
<tr>
<td>DSGN6834007 Visual Identity</td>
<td>4</td>
</tr>
<tr>
<td>COMP6685001 Cyber Security for Business</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

### 2. Minor Program: Human Capital in Digital Workplace

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYC6174027 Psychology in The Workplace</td>
<td>4</td>
</tr>
<tr>
<td>MGMT6349005 Digital Workplace Strategy</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6551003 Digital Workplace and Technology</td>
<td>4</td>
</tr>
<tr>
<td>LAWS6157028 Legal Aspects in Digital Workplace</td>
<td>4</td>
</tr>
<tr>
<td>PSYC6175027 Human Resources Development</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>20</td>
</tr>
</tbody>
</table>

### 3. Minor Program: Sustainable Development

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYE6154011 Sustainable Design and Manufacture</td>
<td>4</td>
</tr>
<tr>
<td>CPEN6217010 Digital for Sustainable Development</td>
<td>4</td>
</tr>
<tr>
<td>ARCH6119014 Introduction to Sustainable Development</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

#### Minor Supporting Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYE6155011 Occupational, Health, Safety, and Administration in Engineering</td>
<td>2</td>
</tr>
<tr>
<td>DSGN6835008 Engineering Material</td>
<td>4</td>
</tr>
<tr>
<td>CIVL6118013 Engineering Economic</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>
### 4. Minor Program: Cross Cultural Communication

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN6132026</td>
<td>Chinese Conversation in Daily Activities</td>
<td>4</td>
</tr>
<tr>
<td>COMM6502019</td>
<td>Communication in Diversity</td>
<td>2</td>
</tr>
<tr>
<td>BUSS6170025</td>
<td>Asian Business Ethics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

#### Minor Supporting Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHIN6134026</td>
<td>Chinese Conversation in Business Communication</td>
<td>4</td>
</tr>
<tr>
<td>LAWS6158028</td>
<td>Private International Law</td>
<td>2</td>
</tr>
<tr>
<td>INTR6135029</td>
<td>Comparative Politics</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

### 5. Minor Program: Interactive & Users Experience Design

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6553003</td>
<td>User-Centered Research and Evaluation</td>
<td>4</td>
</tr>
<tr>
<td>PSYC6176027</td>
<td>Psychology and User Experience</td>
<td>4</td>
</tr>
<tr>
<td>DSIN6003007</td>
<td>Fundamental of Interface Design</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

#### Minor Supporting Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6554003</td>
<td>Core Principles: Interactive Design</td>
<td>4</td>
</tr>
<tr>
<td>DSGN6837007</td>
<td>Digital Design Production</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6556003</td>
<td>Information Architecture</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

### 6. Minor Program: Data Analytics

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6680003</td>
<td>Introduction to Data Analytics</td>
<td>2</td>
</tr>
<tr>
<td>ISYS6681003</td>
<td>Data Management &amp; Descriptive Analytics</td>
<td>4</td>
</tr>
<tr>
<td>STAT6198049</td>
<td>Statistical for Decision Making</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

#### Minor Supporting Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6682003</td>
<td>Application of Predictive Analytics to Business Data</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6683003</td>
<td>Prescriptive Analytics and Optimization</td>
<td>4</td>
</tr>
<tr>
<td>MKTG6312005</td>
<td>Digitalization of Markets and Consumption</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

### 7. Minor Program: Robotic Process Automation

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP6857001</td>
<td>Basic Programming for Automation</td>
<td>2</td>
</tr>
<tr>
<td>COMP6858001</td>
<td>RPA Concept &amp; Design</td>
<td>2</td>
</tr>
<tr>
<td>ISYS684003</td>
<td>RPA Developer Fundamental</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6687003</td>
<td>Business Process Improvement</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
<tr>
<td>Course</td>
<td>SCU</td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-----</td>
<td></td>
</tr>
<tr>
<td>ISYS6685003 RPA Developer Advance</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ISYS6686003 RPA Business Analytics Fundamental</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>COMP6859001 Intelligence Automation</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td><strong>10</strong></td>
<td></td>
</tr>
</tbody>
</table>

8. Minor Program: Event Business and Entertainment

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTMN6151021 Event Marketing Management</td>
<td>2</td>
</tr>
<tr>
<td>HTMN6152021 Catering Management</td>
<td>4</td>
</tr>
<tr>
<td>TRSM6232022 MICE (Meeting, Incentive, Convention, Exhibition) Management</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRSM6233022 Event Sponsorship and Funding</td>
<td>2</td>
</tr>
<tr>
<td>TRSM6234022 Sport and Entertainment Event Management</td>
<td>4</td>
</tr>
<tr>
<td>TRSM6235022 Festival &amp; Cultural Event</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>

9. Minor Program: Creative Digital Storytelling

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL6274024 Approaches in Multimodal Storytelling</td>
<td>2</td>
</tr>
<tr>
<td>DSIN6033007 Visual Storytelling</td>
<td>2</td>
</tr>
<tr>
<td>ENGL6275024 Storytelling for Business</td>
<td>2</td>
</tr>
<tr>
<td>FILM6118009 Script Development &amp; Pitching</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL6276024 Cultures, Language, and Arts Production</td>
<td>4</td>
</tr>
<tr>
<td>JAPN6212025 Anime and Manga as Storytelling</td>
<td>2</td>
</tr>
<tr>
<td>ENGL6277024 Music as Medium for Storytelling</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>

10. Minor Program: Digital Banking

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6824003 Technology Innovation in Banking</td>
<td>2</td>
</tr>
<tr>
<td>FINC6217020 Bank Risk Management in the Digital Era</td>
<td>4</td>
</tr>
<tr>
<td>FINC6218020 Digital Finance and The Role of Central Bank</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGMT6510005 Business Process Management in Banking and Finance</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6825003 Data Analytics in Banking and Finance</td>
<td>4</td>
</tr>
<tr>
<td>MGMT6511005 Digital Leadership</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td><strong>10</strong></td>
</tr>
</tbody>
</table>
11. Minor Program: Blockchain Technology and Business  
**Minor Fundamental Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6826003 Introduction to Blockchain Technology</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6827003 Blockchain Economy &amp; Business</td>
<td>4</td>
</tr>
<tr>
<td>DTSC6016001 Basic Blockchain Programming</td>
<td>2</td>
</tr>
</tbody>
</table>

Total SCU 10

**Minor Supporting Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6828003 Blockchain Architecture Design and Implementation</td>
<td>4</td>
</tr>
<tr>
<td>DTSC6017001 Advanced Blockchain Programming</td>
<td>2</td>
</tr>
<tr>
<td>DTSC6018001 Prototyping Blockchain Project</td>
<td>4</td>
</tr>
</tbody>
</table>

Total SCU 10

12. Minor Program: Digital Transformation  
**Minor Fundamental Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6559003 Business Models and Technology Innovation</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6557003 Business Data Management</td>
<td>4</td>
</tr>
<tr>
<td>MGMT6484005 Digital Strategy</td>
<td>2</td>
</tr>
</tbody>
</table>

Total SCU 10

**Minor Supporting Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6695003 Digital Marketing Analysis</td>
<td>4</td>
</tr>
<tr>
<td>STAT6200049 Practical Statistics for Digital Business</td>
<td>4</td>
</tr>
<tr>
<td>ISYS6560003 Success Factor for Leading Digital Transformation</td>
<td>2</td>
</tr>
</tbody>
</table>

Total SCU 10

13. Minor Program: Culinary  
**Minor Fundamental Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTMN6108021 Food and Beverage Management</td>
<td>2</td>
</tr>
<tr>
<td>HTMN6008021 Kitchen Operation</td>
<td>4</td>
</tr>
<tr>
<td>HTMN6128021 Pastry and Bakery Operation</td>
<td>4</td>
</tr>
</tbody>
</table>

Total SCU 10

*SCU for HTMN6008021, HTMN6128021 are practical*

**Minor Supporting Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTMN6155021 Indonesian Cuisine</td>
<td>4</td>
</tr>
<tr>
<td>HTMN6125021 Restaurant Operation</td>
<td>4</td>
</tr>
<tr>
<td>HTMN6154021 Culinary Tourism</td>
<td>2</td>
</tr>
</tbody>
</table>

Total SCU 10

*SCU for HTMN6155021, HTMN6125021 are practical*

14. Minor Program: Digital Technopreneur  
**Minor Fundamental Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTR6528002 The Entrepreneurial Innovator</td>
<td>4</td>
</tr>
</tbody>
</table>
### 15. Minor Program: Designpreneur

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSGN6839006 Interactive Design</td>
<td>4</td>
</tr>
<tr>
<td>COMM6504018 Digital Branding</td>
<td>2</td>
</tr>
<tr>
<td>ENPR6196002 Market Intelligence</td>
<td>2</td>
</tr>
<tr>
<td>COMP6687004 User Experience Design</td>
<td>4</td>
</tr>
<tr>
<td>DSGN6844023 Prototyping Digital Future</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>20</td>
</tr>
</tbody>
</table>

### 16. Minor Program: Metaverse in Business

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6777052 Business Model</td>
<td>2</td>
</tr>
<tr>
<td>COMP6889051 Virtual Reality</td>
<td>4</td>
</tr>
<tr>
<td>COMP6890051 Augmented reality</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

#### Minor Supporting Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6778052 Data Analytics</td>
<td>2</td>
</tr>
<tr>
<td>DSGN6981053 Design Thinking</td>
<td>4</td>
</tr>
<tr>
<td>DSGN6988053 Interface Design</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

### 17. Minor Program: Content Creation

#### Minor Fundamental Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>FILM6105009 Filmmaking Fundamental</td>
<td>4</td>
</tr>
<tr>
<td>MKTG6392055 Digital Marketing</td>
<td>4</td>
</tr>
<tr>
<td>DSIN6042053 Photography for Creators</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>

#### Minor Supporting Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>SCU</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSGN6990053 Creative Storytelling</td>
<td>4</td>
</tr>
<tr>
<td>DSIN6043053 Strategic Influence</td>
<td>2</td>
</tr>
<tr>
<td>DSIN6041053 Introduction to Visual Communication Design</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total SCU</strong></td>
<td>10</td>
</tr>
</tbody>
</table>
## Appendix: Free Electives (4th Semester & 5th Semester)

<table>
<thead>
<tr>
<th>No</th>
<th>Course Owner</th>
<th>Course Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Business Management</td>
<td>MGMT6455005</td>
<td>Servitization and Customer Experience Management</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>Business Management</td>
<td>MGMT6456005</td>
<td>Fundamentals of Supply Chain Management</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>3</td>
<td>Business Management</td>
<td>MGMT6457005</td>
<td>Global Supply Chain Services</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>Business Management</td>
<td>MGMT6401005</td>
<td>Digital Supply Chain Management</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Business Management</td>
<td>MGMT6365005</td>
<td>Current Issue in Service Business and Technology**</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>Business Management</td>
<td>MGMT6400005</td>
<td>Supply Chain Strategy</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>7</td>
<td>Business Management</td>
<td>MGMT6459005</td>
<td>Retail Management</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>8</td>
<td>Management</td>
<td>FINC6001005</td>
<td>Financial Management</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>9</td>
<td>Management</td>
<td>MGMT6462005</td>
<td>Leadership Agility</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>10</td>
<td>Management</td>
<td>MGMT6463005</td>
<td>Organizational Behavior</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>11</td>
<td>Management</td>
<td>MGMT6464005</td>
<td>Corporate Governance</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>12</td>
<td>Management</td>
<td>MGMT6341005</td>
<td>Strategic Management</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>13</td>
<td>Management</td>
<td>LAWS6159005</td>
<td>Legal Aspect in Business</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>14</td>
<td>Global Business Marketing</td>
<td>MKTG6321005</td>
<td>Marketing Data Analytics</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>15</td>
<td>Global Business Marketing</td>
<td>MKTG6237005</td>
<td>Global Strategic Marketing : Asia Pasific Perspective</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>16</td>
<td>Global Business Marketing</td>
<td>MKTG6270005</td>
<td>Retail and Omni Channel</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>17</td>
<td>Global Business Marketing</td>
<td>MKTG6272005</td>
<td>Marketing Research</td>
<td>2/2</td>
<td>4</td>
</tr>
<tr>
<td>18</td>
<td>Global Business Marketing</td>
<td>MGMT6358005</td>
<td>Managing Business Information</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>19</td>
<td>International Business Management</td>
<td>BUSS6222005</td>
<td>Export-Import Cost Management</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>20</td>
<td>International Business Management</td>
<td>MGMT6458005</td>
<td>Global Supply Chain Management</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>21</td>
<td>International Business Management</td>
<td>BUSS6191005</td>
<td>Export-Import Management</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>22</td>
<td>International Business Management</td>
<td>MGMT6357005</td>
<td>Multinational Corporation Management</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>23</td>
<td>International Business Management</td>
<td>BUSS6223005</td>
<td>Trade in Asia</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>24</td>
<td>Computer Engineering</td>
<td>CPEN6098010</td>
<td>Computer Networks</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>25</td>
<td>Computer Engineering</td>
<td>CPEN6220010</td>
<td>Computer Networks &amp; Information Security</td>
<td>4/1</td>
<td>5</td>
</tr>
<tr>
<td>26</td>
<td>Industrial Engineering</td>
<td>ISYE6181011</td>
<td>System Engineering &amp; Analysis</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>27</td>
<td>Industrial Engineering</td>
<td>ISYE6041011</td>
<td>Engineering Economy</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>28</td>
<td>Industrial Engineering</td>
<td>ISYE6067011</td>
<td>Global Supply Chain</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>No</td>
<td>Course Owner Department</td>
<td>Course Code</td>
<td>Course Name</td>
<td>SCU</td>
<td>Semester</td>
</tr>
<tr>
<td>----</td>
<td>--------------------------</td>
<td>-----------------</td>
<td>----------------------------------------------------------</td>
<td>-----</td>
<td>----------</td>
</tr>
<tr>
<td>29</td>
<td>Industrial Engineering</td>
<td>ISYE6115011</td>
<td>Transportation Modeling</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>30</td>
<td>Industrial Engineering</td>
<td>ISYE6167011</td>
<td>Decision Support System</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>31</td>
<td>Industrial Engineering</td>
<td>ISYE6168011</td>
<td>Financial Engineering</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>32</td>
<td>Industrial Engineering</td>
<td>ISYE6169011</td>
<td>Maintenance Management Systems</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>33</td>
<td>Food Technology</td>
<td>CPEN6235015</td>
<td>IoT in Food Industry</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>34</td>
<td>Computer Science</td>
<td>COMP6800001</td>
<td>Human and Computer Interaction</td>
<td>2/1</td>
<td>4</td>
</tr>
<tr>
<td>35</td>
<td>Computer Science</td>
<td>COMP6823001</td>
<td>Multimedia Systems</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>36</td>
<td>Computer Science</td>
<td>ISYS6211001</td>
<td>Web Based Application Development</td>
<td>2/2</td>
<td>4</td>
</tr>
<tr>
<td>37</td>
<td>Computer Science</td>
<td>COMP7128001</td>
<td>Game Design</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>38</td>
<td>Computer Science</td>
<td>COMP6590001</td>
<td>Geographical Information System</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>39</td>
<td>Marketing Communication</td>
<td>COMM6613019</td>
<td>Introduction to Media Industry</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>40</td>
<td>Marketing Communication</td>
<td>COMM6624019</td>
<td>Digital Creative Content</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>41</td>
<td>Marketing Communication</td>
<td>COMM6533019</td>
<td>Creative Program Design</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>42</td>
<td>Marketing Communication</td>
<td>COMM6633019</td>
<td>Corporate Sustainability</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>43</td>
<td>Marketing Communication</td>
<td>COMM6632019</td>
<td>Writing for Corporate Communication</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>44</td>
<td>Marketing Communication</td>
<td>COMM6541019</td>
<td>Digital Corporate Communication</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>45</td>
<td>Marketing Communication</td>
<td>COMM6634019</td>
<td>Environmental Issues and Brand Activism</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>46</td>
<td>Marketing Communication</td>
<td>COMM6635019</td>
<td>Integrated Marketing Communication</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>47</td>
<td>Marketing Communication</td>
<td>COMM6638019</td>
<td>Social Media Planning &amp; Engagement</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>48</td>
<td>Tourism</td>
<td>BUSS6137022</td>
<td>Tourism E-Business</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>49</td>
<td>Tourism</td>
<td>TRSM6140022</td>
<td>Tourism Law and Regulation</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>50</td>
<td>Tourism</td>
<td>TRSM6142022</td>
<td>Event Management</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>51</td>
<td>Tourism</td>
<td>BUSS6137022</td>
<td>Tourism E-Business</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>52</td>
<td>Hotel Management</td>
<td>HTMN6145021</td>
<td>Revenue Management in Hospitality</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>53</td>
<td>Hotel Management</td>
<td>HTMN6027021</td>
<td>Service Management</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>54</td>
<td>Taxation</td>
<td>TAXN6055020</td>
<td>Customs, Export and Import Tax Planning</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>55</td>
<td>Finance</td>
<td>FINC6189020</td>
<td>Introduction to Financial Market and Fin-Tech</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>56</td>
<td>Cyber Security</td>
<td>COMP6549001</td>
<td>Software Security</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>57</td>
<td>Cyber Security</td>
<td>COMP6542001</td>
<td>Computer Security Fundamental</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>58</td>
<td>Data Science</td>
<td>DTSC6005001</td>
<td>Data Mining and Visualization</td>
<td>2/1</td>
<td>4</td>
</tr>
<tr>
<td>59</td>
<td>Data Science</td>
<td>DTSC6006001</td>
<td>Machine Learning</td>
<td>2/1</td>
<td>5</td>
</tr>
<tr>
<td>60</td>
<td>Mobile Application &amp; Technology</td>
<td>MOBI6070001</td>
<td>Embedded System and Internet of Things</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>61</td>
<td>Mathematics</td>
<td>MATH6187016</td>
<td>Machine Learning</td>
<td>2/1</td>
<td>4</td>
</tr>
<tr>
<td>62</td>
<td>Information Systems</td>
<td>ISYS6210003</td>
<td>Data Visualization</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>No</td>
<td>Course Owner Department</td>
<td>Course Code</td>
<td>Course Name</td>
<td>SCU</td>
<td>Semester</td>
</tr>
<tr>
<td>----</td>
<td>------------------------</td>
<td>---------------</td>
<td>-----------------------------------------------------------</td>
<td>-----</td>
<td>----------</td>
</tr>
<tr>
<td>63</td>
<td>Information Systems</td>
<td>ISYS6594003</td>
<td>Coding for Finance</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>64</td>
<td>Information Systems</td>
<td>ISYS6199003</td>
<td>Data &amp; Text Mining</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>65</td>
<td>Information Systems</td>
<td>ISYS6402003</td>
<td>Business Analytics</td>
<td>2/2</td>
<td>5</td>
</tr>
<tr>
<td>66</td>
<td>Information Systems</td>
<td>ISYS8066003</td>
<td>Business Process Management</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>67</td>
<td>Information Systems</td>
<td>ISYS6203003</td>
<td>Mobile Application Development</td>
<td>2/2</td>
<td>4</td>
</tr>
<tr>
<td>68</td>
<td>Business Information Technology</td>
<td>ISYS6574003</td>
<td>Information Retrieval</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>69</td>
<td>Business Information Technology</td>
<td>ISYS6577003</td>
<td>Machine Learning &amp; Foundations</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>70</td>
<td>Business Information Technology</td>
<td>ISYS6606003</td>
<td>Smart Application</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>71</td>
<td>Business Information Technology</td>
<td>ISYS6579003</td>
<td>Knowledge-Based AI: Cognitive Systems</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>72</td>
<td>Animation</td>
<td>DSGN6689007</td>
<td>Concept Art &amp; Production Design</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>73</td>
<td>Animation</td>
<td>DSGN6690007</td>
<td>Animation Storytelling</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>74</td>
<td>Creative Advertising</td>
<td>DSGN6651007</td>
<td>Photography</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>75</td>
<td>Creative Advertising</td>
<td>DSGN6661007</td>
<td>Photography</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>76</td>
<td>Film</td>
<td>FILM6080009</td>
<td>Southeast Asian Cinema &amp; Popular Culture</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>77</td>
<td>Film</td>
<td>FILM6059009</td>
<td>Global Cinema</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>78</td>
<td>Interior Design</td>
<td>DSGN6888008</td>
<td>Interior Accessories Design</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>79</td>
<td>International Relations</td>
<td>INTR6148029</td>
<td>Multinational Corporations Global Strategy and Social Responsibility</td>
<td>2/2</td>
<td>4</td>
</tr>
<tr>
<td>80</td>
<td>International Relations</td>
<td>INTR6158029</td>
<td>Indonesia’s Defense and Security Policy</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>81</td>
<td>International Relations</td>
<td>INTR6162029</td>
<td>Multiculturalism and Digital Society</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>82</td>
<td>International Relations</td>
<td>INTR6180029</td>
<td>Introduction to International Media</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>83</td>
<td>English Literature</td>
<td>SOCS6021024</td>
<td>Social and Digital Media Writing</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>84</td>
<td>English Literature</td>
<td>ENGL6244024</td>
<td>Social Media Broadcasting</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>85</td>
<td>English Literature</td>
<td>SOCS6021024</td>
<td>Social and Digital Media Writing</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>86</td>
<td>English Literature</td>
<td>ENGL6244024</td>
<td>Social Media Broadcasting</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>87</td>
<td>Business Law</td>
<td>LAWS6017028</td>
<td>Intellectual Property Rights</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>88</td>
<td>Business Law</td>
<td>LAWS6052028</td>
<td>Bankruptcy Law</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>89</td>
<td>Business Law</td>
<td>LAWS6176028</td>
<td>Tax Law</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>90</td>
<td>Psychology</td>
<td>PSYC6130027</td>
<td>Human Performance Technology</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>91</td>
<td>Psychology</td>
<td>PSYC6191027</td>
<td>E-Learning Psychology</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>92</td>
<td>Psychology</td>
<td>PSYC6123027</td>
<td>Educational Psychology</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>93</td>
<td>Primary Teacher Education</td>
<td>EDUC6072030</td>
<td>International Curriculum</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>94</td>
<td>Primary Teacher Education</td>
<td>EDUC6073030</td>
<td>ICT for Distance Learning</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>95</td>
<td>Primary Teacher Education</td>
<td>EDUC6073030</td>
<td>ICT for Distance Learning</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>No</td>
<td>Course Owner Department</td>
<td>Course Code</td>
<td>Course Name</td>
<td>SCU</td>
<td>Semester</td>
</tr>
<tr>
<td>----</td>
<td>---------------------------------</td>
<td>-----------------</td>
<td>------------------------------------------------------------------------------</td>
<td>-----</td>
<td>----------</td>
</tr>
<tr>
<td>96</td>
<td>Japanese Literature</td>
<td>JAPN6150025</td>
<td>Ideas and Images of Japanese Culture (Nihon Bunka Aidea to Imeeji)</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>97</td>
<td>Japanese Literature</td>
<td>JAPN6173025</td>
<td>Contemporary Japanese Society Through Various Perspective (Nihon Shakai e no Kangaekata)</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>98</td>
<td>Japanese Literature</td>
<td>JAPN6056025</td>
<td>Practical Japanese Culture (Nihon Bunka Taiken)</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>99</td>
<td>Japanese Literature</td>
<td>JAPN6104025</td>
<td>Japanese Industry and Technology</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>100</td>
<td>Japanese Literature</td>
<td>JAPN6104025</td>
<td>Japanese Industry and Technology</td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>

**Enrichment Program I (6th Semester) & Enrichment Program II (7th Semester):**

- Student will take one of enrichment program tracks (off campus). See enrichment appendix for the tracks detail.

**Enrichment Track Scheme**

<table>
<thead>
<tr>
<th>Track</th>
<th>Semester 6</th>
<th></th>
<th>Semester 7</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IN</td>
<td>RS</td>
<td>EN</td>
<td>CD</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>V</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>V</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>V</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>V</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>V</td>
<td>V</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>13</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>23</td>
<td></td>
<td>V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
<tr>
<td>25</td>
<td></td>
<td>V</td>
<td>V</td>
<td>V</td>
</tr>
</tbody>
</table>

**Note:**

IN : Certified Internship
RS : Certified Research
EN : Certified Entrepreneurship
CD : Certified Community Development
SA : Certified Study Abroad
IS : Certified Specific Independent Study
FS : Further Study
etc : Study Program Special Purposes

**Description:**

Students who failed in Enrichment Program I can retake with the same track or change into another track. As for Enrichment Program II, student who failed with Certified Internship, Certified Research, Certified Community
Development, and Certified Study Abroad track on Enrichment Program II, can retake with the same track or change into another track. However students who take Certified Entrepreneurship track on Enrichment Program II, should retake with another track.

### Certified Internship Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enrichment Program I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISYS6215003</td>
<td>Experience in Industry</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>ISYS6844003</td>
<td>Requirement and Solution for Information Systems</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>COMM6703003</td>
<td>Business &amp; Professional Communication</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enrichment Program II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ISYS6347003</td>
<td>Professional Program in Industry</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>ISYS6845003</td>
<td>Design and Evaluation for Information Systems</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>BUSS6249003</td>
<td>Business Ethic and Social Responsibility</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Certified Entrepreneurship Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enrichment Program I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENTR6949003</td>
<td>New Venture Initiation in Information Systems</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>ENTR6596003</td>
<td>Product Development Process for Information Technology Business</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>ENTR6950003</td>
<td>EES in New Information Systems Business I</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enrichment Program II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENTR6951003</td>
<td>Product Launching in Information Systems</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>ENTR6597003</td>
<td>Business Development for Information Technology Business</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>ENTR6952003</td>
<td>EES in New Information Systems Business II</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Certified Research Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Enrichment Program I</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSCH6275003</td>
<td>Research Experience</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>RSCH6510003</td>
<td>Scientific Writing in Information Systems Research</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>RSCH6460003</td>
<td>EES in Information Systems Research</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Enrichment Program II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RSCH6412003</td>
<td>Information Systems Research Experience</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>RSCH6511003</td>
<td>Scientific Writing in Information Systems</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>RSCH6414003</td>
<td>Global Employability and Entrepreneurial Skills in Information Systems Research</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
### Certified Community Development Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Enrichment Program I</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMDV6156003</td>
<td>Community Outreach Project Implementation</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>CMDV6289003</td>
<td>Community Outreach Project Design in Information Systems</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>CMDV6259003</td>
<td>Employability and Entrepreneurial Skills in Information Systems Community</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td><strong>Enrichment Program II</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMDV6260003</td>
<td>Community Development Project Implementation</td>
<td>8</td>
<td>20</td>
</tr>
<tr>
<td>CMDV6290003</td>
<td>Community Development Project Design in Information Systems</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>CMDV6262003</td>
<td>Employability and Entrepreneurial Skills in Information Systems Community</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

### Certified Study Abroad Track

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elective courses list for study abroad</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Enrichment Program I/II</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GLOB6005003</td>
<td>Elective Course for Study Abroad 1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>GLOB6006003</td>
<td>Elective Course for Study Abroad 2</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>GLOB6007003</td>
<td>Elective Course for Study Abroad 3</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>GLOB6008003</td>
<td>Elective Course for Study Abroad 4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>GLOB6009003</td>
<td>Elective Course for Study Abroad 5</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>GLOB6010003</td>
<td>Elective Course for Study Abroad 6</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GLOB6011003</td>
<td>Elective Course for Study Abroad 7</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GLOB6012003</td>
<td>Elective Course for Study Abroad 8</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GLOB6013003</td>
<td>Elective Course for Study Abroad 9</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GLOB6014003</td>
<td>Elective Course for Study Abroad 10</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GLOB6015003</td>
<td>Elective Course for Study Abroad 11</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GLOB6016003</td>
<td>Elective Course for Study Abroad 12</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>GLOB6251003</td>
<td>Elective Course for Study Abroad 29</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

*) Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.

### Certified Specific Independent Study

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elective courses list for certified specific independent study</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSIS6001003</td>
<td>Course Certification</td>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>CSIS6002003</td>
<td>Technical Skill Enrichment</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CSIS6003003</td>
<td>Industrial Project</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>CSIS6004003</td>
<td>Soft Skill Enrichment</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CSIS6005003</td>
<td>Elective Course for Specific Independent Study 1</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>CSIS6006003</td>
<td>Elective Course for Specific Independent Study 2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Code</td>
<td>Course Name</td>
<td>SCU</td>
<td>Total</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------------------------------------</td>
<td>-----</td>
<td>-------</td>
</tr>
<tr>
<td>CSIS6007003</td>
<td>Elective Course for Specific Independent Study 3</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>CSIS6008003</td>
<td>Elective Course for Specific Independent Study 4</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>CSIS6009003</td>
<td>Elective Course for Specific Independent Study 5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>CSIS6010003</td>
<td>Elective Course for Specific Independent Study 6</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CSIS6011003</td>
<td>Elective Course for Specific Independent Study 7</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CSIS6012003</td>
<td>Elective Course for Specific Independent Study 8</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CSIS6013003</td>
<td>Elective Course for Specific Independent Study 9</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>CSIS6014003</td>
<td>Elective Course for Specific Independent Study 10</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CSIS6015003</td>
<td>Elective Course for Specific Independent Study 11</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CSIS6016003</td>
<td>Elective Course for Specific Independent Study 12</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CSIS6017003</td>
<td>Elective Course for Specific Independent Study 13</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CSIS6018003</td>
<td>Elective Course for Specific Independent Study 14</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>CSIS6019003</td>
<td>Elective Course for Specific Independent Study 15</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CSIS6020003</td>
<td>Elective Course for Specific Independent Study 16</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CSIS6021003</td>
<td>Elective Course for Specific Independent Study 17</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CSIS6022003</td>
<td>Elective Course for Specific Independent Study 18</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CSIS6023003</td>
<td>Elective Course for Specific Independent Study 19</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CSIS6024003</td>
<td>Elective Course for Specific Independent Study 20</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CSIS6025003</td>
<td>Elective Course for Specific Independent Study 21</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6026003</td>
<td>Elective Course for Specific Independent Study 22</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6027003</td>
<td>Elective Course for Specific Independent Study 23</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6028003</td>
<td>Elective Course for Specific Independent Study 24</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6029003</td>
<td>Elective Course for Specific Independent Study 25</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6030003</td>
<td>Elective Course for Specific Independent Study 26</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6031003</td>
<td>Elective Course for Specific Independent Study 27</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6032003</td>
<td>Elective Course for Specific Independent Study 28</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>CSIS6033003</td>
<td>Elective Course for Specific Independent Study 29</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CSIS6034003</td>
<td>Elective Course for Specific Independent Study 30</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CSIS6035003</td>
<td>Elective Course for Specific Independent Study 31</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>CSIS6036003</td>
<td>Elective Course for Specific Independent Study 32</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

*) For students who take BINUS certified specific independent study courses, they should take the first 4 courses on the list above (20 credits). Meanwhile, electives courses 1 to 32 are transferred courses for students who take certified specific independent study outside BINUS University. Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.
**Further Study Track**

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Name</th>
<th>SCU</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISYS6654003</td>
<td>Service Oriented Analysis and Design</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>ISYS6655003</td>
<td>Change Management for Enterprise</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ISYS6656003</td>
<td>Digital Transformation Management</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ISYS6657003</td>
<td>Data Analytics for Research</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>ISYS6660003</td>
<td>Visualization and Descriptive Analytics</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**Student should pass all of these quality controlled courses as listed below:**

<table>
<thead>
<tr>
<th>No</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Minimal Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CHAR6013003</td>
<td>Character Building: Pancasila</td>
<td>B</td>
</tr>
<tr>
<td>2</td>
<td>ENTR6511001</td>
<td>Entrepreneurship: Market Validation</td>
<td>C</td>
</tr>
<tr>
<td>3</td>
<td>ISYS6186003</td>
<td>Business Process Fundamental</td>
<td>C</td>
</tr>
<tr>
<td>4</td>
<td>ISYS6126003</td>
<td>Enterprise System*</td>
<td>C</td>
</tr>
<tr>
<td>5</td>
<td>ISYS6123003</td>
<td>Introduction to Database Systems</td>
<td>C</td>
</tr>
<tr>
<td>6</td>
<td>ISYS6677003</td>
<td>Information Systems Analysis and Design*</td>
<td>C</td>
</tr>
<tr>
<td>7</td>
<td>ISYS6198003</td>
<td>Data and Information Management*</td>
<td>C</td>
</tr>
<tr>
<td>8</td>
<td>ISYS6256003</td>
<td>Information Systems Project Management</td>
<td>C</td>
</tr>
</tbody>
</table>

*) Tutorial & Multipaper