

Common Curriculum for CDE	Common Curriculum for CHS	Course to be taken by CDE-CHS DDP students
Cultures and Connections	Integrated Asian Studies	<ul style="list-style-type: none"> <li>• Default is HSA1000 Asian Interconnections <sup>1</sup></li> <li>• Students may fulfil this pillar using approved courses from USP/NUSC <sup>2</sup></li> </ul>
Critique and Expression	Integrated Humanities	<ul style="list-style-type: none"> <li>• Default is HSH1000 The Human Condition <sup>1</sup></li> <li>• Students may fulfil this pillar using approved courses from USP/NUSC <sup>3</sup></li> </ul>
Singapore Studies	Integrated Social Sciences	<ul style="list-style-type: none"> <li>• Default is HSS1000 Understanding Social Complexity <sup>1</sup></li> <li>• Students may fulfil this pillar using approved courses from USP/NUSC <sup>4</sup></li> </ul>
Design Thinking	Design Thinking	DTK1234 Design Thinking <sup>5</sup>
Data Literacy	Data Literacy	<ul style="list-style-type: none"> <li>• Default is GEA1000 Quantitative Reasoning with Data</li> <li>• Students can read ST1131, DSA1101, BT1101 or NUSC course in lieu of GEA1000 <sup>6</sup></li> <li>• Students in selected majors must take major-specific courses in lieu of GEA1000 <sup>7</sup></li> </ul>
Communities and Engagement	Communities and Engagement	<ul style="list-style-type: none"> <li>• Students may read any course from the curated list of courses as approved by the NUS General Education Committee</li> <li>• Students may fulfil this pillar using approved courses from UTCP, RVRC or USP/NUSC <sup>8</sup></li> </ul>
Creating Narratives	Writing	<ul style="list-style-type: none"> <li>• Students may read any course from either curated list of courses <sup>9</sup></li> <li>• Students may fulfil this pillar using approved courses from UTCP, RVRC, or USP/NUSC <sup>9</sup></li> </ul>
Sustainable Futures	Scientific Inquiry I	<ul style="list-style-type: none"> <li>• Students may read either course <sup>10</sup></li> <li>• Students may fulfil this pillar using approved courses from NUSC <sup>10</sup></li> </ul>
Systems Thinking	Scientific Inquiry II	<ul style="list-style-type: none"> <li>• Students may read either courses <sup>11</sup></li> </ul>
Digital Literacy	Digital Literacy	<ul style="list-style-type: none"> <li>• Default is CS1010% Programming Methodology (any variant) <sup>12</sup></li> <li>• Students in selected majors must take major-specific courses in lieu of CS1010% <sup>12</sup></li> </ul>

Artificial Intelligence	Artificial Intelligence	<ul style="list-style-type: none"> <li>• Default is EE2211 Introduction to Machine Learning <sup>13</sup></li> <li>• Students in selected majors may take major-specific courses in lieu of EE2211 <sup>13</sup></li> </ul>
Maker Space	Interdisciplinary Course I	EG1311 Design and Make <sup>14, 15</sup>
Project Management	Interdisciplinary Course II	PF1101 Fundamentals of Project Management <sup>15</sup>
Integrated Project (8 MCs)	-	Students to choose from curated list of Integrated Project courses
<b>TOTAL: 60 MCs</b>	<b>TOTAL: 52 MCs</b>	<b>TOTAL: 60 MCs</b>

Footnotes:

<sup>1</sup> CDE students who have read an equivalent General Education (GE) course prior to enrolment in the DDP do not need to take these courses. The same arrangement applies even if they withdraw from the DDP and transfer to CHS.

CDE students who withdraw from the DDP after completing these courses and remain in CDE do not need to take the equivalent GE courses.

Students who are enrolled in the PPE XDP as their CHS major may double-count GEX1015 Life, the Universe, and Everything toward Critique and Expression pillar and do not need to read HSH1000. They will also read any Singapore Studies course in lieu of HSS1000.

<sup>2</sup> NUSC students will read Global Social Thought in lieu of Cultures and Connections in the CDE Common Curriculum, and one Making Connections course from the Humanities and Social Sciences basket in lieu of Integrated Asian Studies in the CHS Common Curriculum.

USP students from Cohort AY2021/2022 should refer to the latest list of approved USP courses for this pillar.

<sup>3</sup> NUSC students will read Global Narratives in lieu of Critique and Expression in the CDE Common Curriculum and Integrated Humanities in the CHS Common Curriculum.

USP students from Cohort AY2021/2022 should refer to the latest list of approved USP courses for this pillar.

<sup>4</sup> NUSC students will read Understanding the Social World: Singapore and Beyond in lieu of Singapore Studies in the CDE Common Curriculum and Integrated Social Sciences in the CHS Common Curriculum.

USP students from Cohort AY2021/2022 will read approved USP Singapore Studies courses (and their recoded versions in NUSC) to fulfil this pillar.

<sup>5</sup> Architecture and Landscape Architecture students will read DTK1234A instead of DTK1234.

Students who have polytechnic diplomas that are accredited to their CDE major may be exempted from this course. If their home faculty is CDE, they do not need to read this course if they withdraw from the DDP and transfer to CHS.

<sup>6</sup> Students who withdraw from the DDP after reading these courses do not need to take GEA1000. NUSC students will read GEA1000N

Quantitative Reasoning with Data instead of GEA1000.

USP students will read GEA1000, ST1131, DSA1101, BT1101, or an approved major-specific course to fulfil this pillar.

<sup>7</sup> Students in these selected majors must take the following major-specific courses in lieu of GEA1000:

- Data Science & Analytics: DSA1101 Introduction to Data Science

- Data Science & Economics: DSE1101 Introductory Data Science for Economics
- Industrial & Systems Engineering: IE1111R Industrial & Systems Engrg Principles & Practice I
- Statistics: ST1131 Introduction to Statistics and Statistical Computing

Students who are doing a DDP in Industrial & Systems Engineering with Data Science & Analytics, Data Science & Economics, or Statistics must read the Data Literacy courses for both majors.

NUSC students in the majors listed above must read the major-specific courses in lieu of GEA1000N.

<sup>8</sup> NUSC students will read Impact Experience Project in lieu of Communities and Engagement.

USP students from Cohort AY2021/2022 should refer to the latest list of approved USP courses for this pillar. RVRC students will read an RVN-coded course to fulfil this pillar.

Mapping of UTCP to this pillar is presently under review. More information will be available in due course.

<sup>9</sup> Default is Creating Narratives for students whose home Faculty is CDE, and one of the following for students whose home Faculty is CHS:

- FAS1101 Writing Academically: Arts and Social Sciences
- SP1541 Exploring Science Communication through Popular Science
- SP2271 Introduction to the Scientific Literature

Students can choose to read the course from the second Faculty instead of home Faculty. Those who withdraw from the DDP after reading the course from the second Faculty do not need to read the course in the home Faculty.

NUSC students will read Thinking with Writing in lieu of Creating Narratives in the CDE Common Curriculum and Writing in the CHS Common Curriculum.

USP students from Cohort AY2021/2022 will read UWC2101% Writing and Critical Thinking (or their recoded versions in NUSC) to fulfil this pillar.

UTCP students will read an Ideas and Exposition course to fulfil this pillar.

RVRC students will read an RVC/RVX/RVSS-coded course to fulfil this pillar.

<sup>10</sup> Default is EG2501 Liveable Cities for students whose home Faculty is CDE, and one of the following for students whose home Faculty is CHS:

- HSI1000 How Science Works, Why Science Works
- SP2274 Engineering a Lifelike Cell

Students can choose to read the course from the second Faculty instead of home Faculty. Those who withdraw from the DDP after reading the course from the second Faculty do not need to read the course in the home Faculty.

NUSC students must choose either EG2501 Liveable Cities from CDE or Science and Society from NUSC.

<sup>11</sup> Default is IE2141 Systems Thinking and Dynamics for students whose home Faculty is CDE, and one course from basket of Scientific Inquiry II courses for students whose home Faculty is CHS.

Students can choose to read the course from the second Faculty instead of home Faculty. Those who withdraw from the DDP after reading the course from the second Faculty do not need to read the course in the home Faculty.

Students who have read the Junior Seminar course (UTC1702%) in Residential College 4 are exempted from this course and must replace it with 4 MCs of unrestricted electives.

NUSC students must still read IE2141 Systems Thinking and Dynamics even though they will read one Making Connections course from the Science, Technology, Engineering and Math basket in lieu of Scientific Inquiry II in the CHS Common Curriculum.

USP students from Cohort AY2021/2022 must still read IE2141 Systems Thinking and Dynamics even though they will read courses from USP (and their recoded versions in NUSC) in lieu of Scientific Inquiry II in the CHS Common Curriculum.

<sup>12</sup> All students in the DDP must read CS1010% to fulfil this pillar, except for those in the following CDE majors and whose CHS major does not require CS1010%:

- Architecture and Landscape Architecture: AR2524 Spatial Computational Thinking
- Industrial Design: ID2116 Computing for Design

CHS students who have read different courses for this pillar prior to enrolment in the DDP will still need to complete CS1010% (or the above courses if they are enrolled in these majors from CDE).

NUSC students in Engineering majors must read CS1010% in lieu of Computational Problem Solving.

<sup>13</sup> Students who are enrolled in Architecture, Landscape Architecture, and Industrial Design may take the following courses in lieu of EE2211:

- HS1501 Artificial Intelligence and Society
- IT1244 Artificial Intelligence: Technology and Impact

CHS students who have read these courses prior to enrolment in the DDP will still need to complete EE2211 unless they are enrolled in Architecture, Landscape Architecture, Industrial Design or Project and Facilities Management for the second degree.

CHS students who withdraw from the DDP after completing EE2211 and remain in CHS is considered to have fulfilled Artificial Intelligence in the CHS Common Curriculum.

<sup>14</sup> Students with accredited diplomas are exempted from this course.

<sup>15</sup> Students in this DDP whose CHS major is an XDP must still complete these courses even though those who are not in the DDP are exempted from Interdisciplinary Course I and Interdisciplinary Course II.

CHS students who withdraw from the DDP after reading either or both courses do not need to read Interdisciplinary Course I and/or Interdisciplinary Course II