title: bachelor of computing (computer science)

type: degree programme,

AY: 2015

Updated:

specialization-list: Algorithms&Theory, AT; Artificial Intelligence, AI; Computer Graphics and Games, CGG; Computer Security, CS; Database Systems, DS; Multimedia Information Retrieval, MIR; Networking and Distributed Systems, NDS; Parallel Computing, PC; Programming Languages, PL; Software Engineering, SE;

matriculation year: 2015/16

website: <http://www.comp.nus.edu.sg/programmes/ug/cs/>

list-type: AT, AI, CGG, CS, DS, MIR, NDS, PC, PL, SE, visible

list-name: Level 1000

list-size: 8

list-requirement: 8

list-content: {CS1010,1;CS1020,1;CS1231,1;IS1103/FC/X,1;MA1301/FC/X;MA1521,1;MA1101R,1;L1sub1,3;}

list-type: AT, AI, CGG, CS, DS, MIR, NDS, PC, SE, visible

list-name: Level 2000

list-size: 7

list-requirement: 7

list-content: {CS2010,1;CS2100,1;CS2103T,1;CS2105,1;CS2106,1;CS2101,1;ES2660,1;}

list-type: AT, AI, CGG, CS, DS, MIR, NDS, PS, SE, visible

list-name: Level 3000

list-size: 1

list-requirement: 1

list-content: {CS3230,1;}

list-type: AT, AI, CGG, CS, DS, MIR, NDS, PS, SE, visible

list-name: Level 4000

list-size:

list-requirement: 3

list-content: {CS4\*\*\*,4;CS4\*\*\*,4;CS4\*\*\*,4;}

list-type: AT, AI, CGG, CS, DS, MIR, NDS, PS, SE, visible

list-name: TeamProject1

list-size: 2

list-requirement: 2

list-content: {CS3201,1;CS3202,1;}

exclude:{TeamProject2;TeamProject3;TeamProject4;}

list-type:AT,AI,CGG,CS,DS,MIR,NDS,PS,SE,visible

list-name:TeamProject2

list-size:2

list-requirement:2

list-content:{CS3216,1;CS3217,1;}

exclude:{TeamProject1;TeamProject3;TeamProject4;}

list-type:AT,AI,CGG,CS,DS,MIR,NDS,PS,SE,visible

list-name:TeamProject3

list-size:2

list-requirement:2

list-content:{CS3281,1;CS3282,1;}

exclude: {TeamProject1;TeamProject2;TeamProject4;}

list-type:AT,AI,CGG,CS,DS,MIR,NDS,PS,SE,visible

list-name:TeamProject4

list-size:2

list-requirement:2

list-content:{CS3283,1;CS3284,1;}

exclude: {TeamProject1;TeamProject2;TeamProject3;}

list-type:AT,AI,CGG,CS,DS,MIR,NDS,PS,SE,visible

list-name:listS

list-size:2

list-requirement:2

list-content:{listS1,3;listS2,3;}

list-type:AT,AI,CGG,CS,DS,MIR,NDS,PS,SE,visible

list-name:list1

list-size:2

list-requirement:2

list-content:{ST2334,1;listS,3;}

exclude: {ST2131;ST2132;}

list-type:AT,AI,CGG,CS,DS,MIR,NDS,PS,SE,visible

list-name:list2

list-size:2

list-requirement:2

list-content:{ST2131,1;ST2132,1;}

exclude:{ST2334}

list-type:AT,AI,CGG,CS,DS,MIR,NDS,OS,SE,visible

list-name:L1sub1

list-size:2

list-requirement:1

list-content:{PC1221/FC/X,2;PC1222/X,2;}

note: Alevel physics exempted

list-type: AT, AI, CGG, CS, DS, MIR, NDS, PS, SE

list-name: listS1

list-size: 13

list-requirement: 1

list-content: {CM1121,2;CS1131,2;CM1417,2;LSM1301,2;LSM1302,2;PC1141,2;PC1142,2;PC1144,2;PC1221,2;PC1222,2;PC1432,2;MA2213,2;MA2214,2;}

list-type: AT,AI,CGG,CS,DS,MIR,NDS,PS,SE

list-name: listS2

list-size: 18

list-requirement: 1

list-content: {CM1101,2;CM1111,2;CM1161,2;CM1191,2;CM1401,2;CM1402,2;CM1501,2;CM1502,2;LSM1303,2;PC1421,2;PC1431,2;PC1433,2;MA1104,2;MA2101,2;MA2108,2;MA2501,2;ST2132,2;ST2137,2;}

list-type: AT,visible

list-name: ATP

list-size: 5

list-requirement: 3

list-content: {CS3230,2;CS3236,2;CS4231,2;CS4232,2;CS4234,2;}

list-type: AT

list-name: ATE

list-size: 5

list-requirement: 1

list-content: {CS3233,2;CS5230,2;CS5234,2;CS5237,2;CS5238,2; }

list-type: AI,visible

list-name: AIP

list-size: 4

list-requirement:3

list-content: {CS3243,2;CS3244,2;CS4244,2;CS4246,2;}

list-type: AI

list-name: AIE

list-size: 8

list-requirement: 1

list-content: {CS4216,2;CS4220,2;CS4248,2;CS5209,2;CS5215,2;CS5228,2;CS5247,2;CS5340,2;}

list-type: CGG,visible

list-name: CGGP

list-size:5

list-requirement: 3

list-content: {CGGP1,3;CGGP2,3;}

list-type:CGG

list-name:CGGP1

list-size:3

list-requirement:1

list-content:{CS3241,2;CS3242,2;CS3247,2;}

list-type: CGG

list-name:CGGP2

list-size:2

list-requirement:1

list-content:{CS4247,2;CS4350,2;}

list-type: CGG

list-name: CGGE

list-size: 11

list-requirement: 1

list-content: {CS3218,2;CS3240,2;CS3249,2;CS3343,2;CS4243,2;CS4249,2;CS4340,2;CS4344.2;CS4345,2;CS5237,2;CS5240,2;}

list-type: CS,visible

list-name: CSP

list-size: 4

list-requirement: 3

list-content: {CS2107,2;CS3235,2;CS4236,2;CS4238,2;}

list-type: CS

list-name: CSE

list-size: 7

list-requirement: 1

list-content: { CS3221,2;CS4239,2;CS5231,2;CS5321,2;CS5322,2;CS5331,2;IFS4101,2;}

list-type: CS

list-name: CSUE

list-size: 3

list-requirement: 1

list-content:{IS3230,2;IS4231,2;IS4232,2;}

list-type: DS,visible

list-name: DSP

list-size: 4

list-requirement: 3

list-content: {CS2102,2;CS3223,2;CS4221,2;CS4224,2;}

list-type: DS

list-name: DSE

list-size: 5

list-requirement: 1

list-content: {CS4220,2;CS4225,2;CS5226,2;CS5228,2;CS5322,2;}

list-type: MIR,visible

list-name: MIRP

list-size: 4

list-requirement: 3

list-content: {CS2108,2;CS3245,2;CS4242,2;CS4248,2;}

list-type: MIR

list-name: MIRE

list-size: 4

list-requirement: 1

list-content: {CS4347,2;CS5246,2;CS5241,2;CS6242;}

list-type: IM

list-name: IMP

list-size: 3

list-requirement: 3

list-content: {IMP1,3;IMP1,3;IMP2;3}

list-type:IM

list-name:IMP1

list-size:5

list-requirement:1

list-content:{CS3241,2;CS3242,2;CS3247,2;CS3240,2;CS3249,2;}

list-type:IM

list-name:IMP2

list-size:4

list-requirement:1

list-content: {CS4344,2;CS4350,2;CS4249,2;CS4347,2;}

list-type: IM

list-name:IME

list-size:7

list-requirement:1

list-content:{CS3218,2;CS3343,2;CS4340,2;CS4243,2;CS4247,2;CS5241,2;CS5342,2;}

list-type:NDS,visible

list-name:NDSP

list-size:5

list-requirement:3

list-content:{CS2105,2;CS3103,2;CS4222,2;CS4226,2;CS4274,2;}

list-type:NDS

list-name:NDSE

list-size:6

list-requirement:1

list-content:{CS4231,2;CS4344,2;CS5223,2;CS5229,2;CS5248,2;CS5321,2;}

list-type:PC,visible

list-name:PCP

list-size:4

list-requirement:3

list-content:{CS3210,2;CS3211,2;CS4231,2;CS4223,2;}

list-type:PC

list-name:PCE

list-size:7

list-requirement:1

list-content:{CS4237,2;CS4271,2;CS4345,2;CS5207,2;CS5222,2;CS5223,2;CS5239,2;}

list-type:PL,visible

list-name:PLP

list-size:4

list-requirement:3

list-content:{CS2104,2;CS3211,2;CS4215,2;CS4212,2;}

list-type:PL

list-name:PLE

list-size:7

list-requirement:1

list-content:{CS3234,2;CS4216,2;CS5205,2;CS5232,2;CS5214,2;CS5215,2;CS5218,2;}

list-type:SE

list-name:SEP

list-size:6

list-requirement:3

list-content:{SEP1,3;SEP1,3;SEP2,3;}

list-type:

list-name:SEP1

list-size:3

list-requirement:1

list-content:{ CS2103/T,2;CS3213,2;CS3219,2;}

list-type:SE

list-name:SEP2

list-size:3

list-requirement:1

list-content: {CS4211,2;CS4211,2;CS4218,2;}

list-type:SE

list-name:SEE

list-size:10

list-requirement:1

list-content:{CS3216,2;CS3217,2;CS3226,2;CS3234,2;CS3882,2;CS4217,2;CS4271,2;CS5219,2;CS5232,2;CS5272,2;}

list-type:SE

list-name:SEUE

list-size:2

list-requirement:1

list-content:{IS2102,2;IS2104,2;}

list-type:VC,visible

list-name:VCP

list-size:4

list-requirement:3

list-content:{CS3241,2;CS3242,2;CS4243,2;CS4247,2;}

list-type:VC

list-name:VCE

list-size:7

list-requirement:1

list-content:{CS3218,2;CS3343,2;CS4340,2;CS4345,2;CS5237,2;CS5240,2;CS6243,2;}

Type:

1. Essential
2. Optional
3. List
4. All modules in the level e.g. MA3\*\*\*, CS21\*\*
5. All modules in the level or higher