

YEAR 1		YEAR 2		YEAR 3		YEAR 4	
TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6	TERM 7	TERM 8
<b>Math 1503</b> Linear Algebra (4-0-0) MWF 9:30-10:20 3	<b>Math 1013</b> Intro to Calculus II (4-0-0) MWF 11:30 (1b-9b) 1b, 4b, 7b Tut -T 8:30 2b, 3b, 5b, 6b, 8b, 9b Tut, Th 8:30 3	<b>Math 2513</b> Multivariable Calculus (4-0-0) 1a- MWF 9:30 + Tu 11:30 2a - MTWF 11:30-12:20 4	<b>MATH 3503</b> Differential Equations (3-1-0) 1b- MWF 8:30 Tut T 8:30 2b- MWF 10:30 Tut T 11:30 3	<b>EE 3111</b> Electronics I (3-1-3*) MWF 1:30 Tut Th 10:30 1a Lab W 2:30 2a Lab Th 2:30 4	<b>EE 3122</b> Electronics II (3-1-3*) MWF 1:30 Tut T 1:30 1b Lab M 2:30 2b Lab T 2:30 4	<b>EE 4040</b> EE Design Project (0-0-7) Th 8:30 - 9:50 T Th 8:30 - 9:50 7	
<b>Math 1003</b> Intro to Calculus I (3-0-0) MWF 11:30 (1a-12a) Tut - T 8:30-9:20 (1a,2a,5a,6a,9a,10a) Tut - Th 8:30-9:20 (3a,4a,7a,8a,11a,12a) 3	<b>EE 1813</b> Electricity & Magnetism (3-1-3) WI2012 - MWF 10:30 - 11:20 1b Tut T 8:30 Lab Th 2:30 2b Tut Tu 8:30 FA2011 - MWF 8:30 1a- Tut=Tu 9:30, Lab M 2:30 4	<b>EE 2711</b> Electric Circuits (3-1-3*) MWF 1:30 Tut Th 1:30 1a Lab Th 2:30 2a Lab F 2:30 4	<b>EE 2722</b> Circuits & Sys (3-1-3*) MWF 12:30 Tut Th 11:30 1b Lab- M 2:30 2b Lab- T 2:30 4	<b>EE 3511</b> Signals (3-1-3*) MWF 9:30 Tut T 10:30 1a Lab W 2:30 2a Lab T 2:30 4	<b>EE 3312</b> Systems & Control (3-0-3) MWF 11:30 Tut T 10:30 1b Lab T 2:30 2b Lab Th 2:30 4	<b>ENGG 4013</b> Law & Ethics (3-0-0) T & Th 6:30 pm - 7:50 pm 3	<b>Engineering Econ</b> ME3232 WI12-MWF 1:30 CE3963 CE-FA11-1a open Access CE WI12-1b MWF8:30 WI12- 1b MWF 12:30 (3-0-0) 3
<b>CS 1003</b> Problem Solving and Programming (3-1-2) FA-MWF 1:30   WI MWF 9:30 1a 1b Lab T 2:30 Tut M 12:20 2a 2b Lab M-7pm Tut M 12:30 4	<b>CS 1023</b> Data Structures and Algorithms (3-1-2) T Th 10:00 11:30 Labs F 2:30-4:20 4	<b>HSS (CSE 4)</b> Tech & Society HIST3925-FA11 MWF 1:30 SOCI2533-FA11 T Th 1:30 STS1003A-FA11-MWF 10:30 3	<b>APSC 2023</b> Survey of 19th & 20th Cent Physics (3-0-3*) MWF 11:30 3	<b>EE 3031</b> Elect Design (3-1-3+) MWF 10:30 Tut Th 11:30 Lab M 2:30 4	<b>EE 3612</b> Machines (3-1-3*) MWF 8:30 Tut T 9:30 1b Lab M 2:30 2b Lab F 2:30 4	<b>CSE 1</b> 3	<b>CSE 2</b> 3
<b>PHYS 1081</b> Foundations of Phys for Engg (3-0-3) MWF 10:30 5	<b>ENGG 1082</b> Mechanics for Engineers (3-0-3) MWF 1:30-2:20 4	<b>Basic Science</b> 3	<b>APSC 2028</b> Lab for Survey 19th&20th Cent (0-0-3) 1b Lab T 2:30 2b Lab W 2:30 2	<b>EE 3821</b> Electromagnets I (3-1-3*) MWF 11:30 Tut Th 1:30 Lab T 12:30 - 1:50 4	<b>EE 3832</b> Electromagnetic II (3-1-3*) MWF 9:30 Tut T 8:30 Lab Th 10:00-11:20 4	<b>TE (1)</b> 4	<b>TE (4)</b> 4
<b>ENGG1003</b> Technical Communications (2-0-3) T Th 10:30-11:20 Labs-2:30-5:20 1a/7a-M, 2a-Tu, 3a/6a-W, 4a/9a-Th, 5a/8a-F 4	<b>CHEM1982</b> Gen Chemistry Physical & Inorganic MWF 8:30-9:20 Tut - W 7:pm-8:50 3	<b>CMPE 2213</b> Digital Systems I (3-1-3*) MWF 11:30, Tut Th 11:30 1a Lab M 2:30 2a Lab T 2:30 4	<b>CMPE 2412</b> Simulaton & Analysis MWF 10:30-11:20 Labs Th 1:00-2:30 4	<b>CMPE 3221</b> Computer Organization (3-1-3*) MWF 8:30 Tut T 9:30 1a Lab T 2:30 2a Lab F 2:30 4	<b>CMPE 3232</b> Embedded System Design (3-1-3*) MWF 12:30- 1:20 1b Lab W 2:30 2b Lab Th 2:30 4	<b>TE (2)</b> 4	<b>TE (5)</b> 4
<b>ENGG1015</b> Intro to Eng Design & Problem Solving (1-0-2) Th 11:30 Lab Th 2:30 (1a,2a,3a, 8a) Th 11:30 Lab F 2:30 (4a,5a,6a,7a,9a) 2	<b>CHEM1987</b> Gen Chemistry Labs (0-0-2) Labs 1b-M 2:30, 2b T 9:30, 3b T 2:30, 4b W 2:30, 5b Th 9:30, 6b Th 2:30 2	<b>HSS (CSE3)</b> 3	<b>STAT 2593</b> Probability & Statistics (3-0-0) 1b - MWF 9:30 - 10:20 2b - T Th 10:00 - 11:20 3			<b>TE (3)</b> 4	
<b>ENGG1001</b> Eng Practice Lecturing Series (1-0-0) T 11:30-12:20 21							20

<p><i>CSE 1 could be from these subjects:</i></p> <p>ADM, ANTH, BA, CHNS, CLAS, ECON, ENGL, ENVS, FVI, FILM, FNAT, FR, FR/LING, GEND, GEOG, GER, GRK, HIST, HUM, HTM, ICS, IDS, IS, JPNS, LAT, LING, LING/FR, PHIL, POLS, PHYS, RCLP, RUSS, SOCI, SPAN, TME, WMS, WLCS</p>	<p><i>CSE 2 could be from these subjects:</i></p> <p>ADM, ANTH, BA, CLAS, ECON, ENVS, FVI, FILM, FNAT, GEND, GEOG, HIST, HUM, HTM, IDS, IS, PHIL, POLS, PSYC, RCLP, SOCI, TME, WS, WLCS</p>	<p><i>CSE 3 (HSS) could be a course from these subjects:</i></p> <p>Anthrology (ANTH), Classics (CLAS), History (HIST), Philosophy (PHIL), Political Science, (POLS) Psychology (PSYC), Sociology (SOCI)</p>	<p><i>CSE 4 - HSS (Tech &amp; Society)</i></p> <p>HIST3925 - FA11 MWF 1:30-2:20  SOCI2533 - FA11 T Th 1:30-2:20  HIST 3975 - WI12 Th 7pm - 9:50pm  STS1003A FA11 MWF 10:30-11:20  WI12 MWF 10:30-11:20</p>
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The undergraduate calendar has the formal description of the required complementary studies electives (CSEs).  
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- Four complementary studies electives are required,
- 3 credit hours (ch) per course,
- 4 courses,
- for 12 credit hours in total: CSE 1, CSE 2, CSE 3 & CSE 4
- **CSE 1** could be a course from these subjects:
  - ANTH (Anthropology), BA (Business Administration, UNBSJ), ADM (Business Administration), CHNS (Chinese), CLAS (Classics), ECON (Economics), ENGL (English), ENVS (Environmental Studies), FVI (Family Violence Issues), FILM (Film), FNAT (Fine Arts), FR (French), FR/LING (French Linguistics), GEND (Gender Studies), GEOG (Geography), GER (German), GRK (Greek), HIST (History), HUM (Humanities, UNBSJ), HTM (Hospitality and Tourism, UNBSJ), ICS (Information and Communication Studies, UNBSJ), IDS (International Development Studies), IS (International Studies, UNBSJ), JPNS (Japanese), LAT (Latin), LING (Linguistics), LING/FR (French Linguistics), PHIL (Philosophy), POLS (Political Science), PSYC (Psychology), RCLP (Renaissance College Leadership Program), RUSS (Russian), SOCI (Sociology), SPAN (Spanish), TME (Technology, Management, and Entrepreneurship), WS (Women's Studies), WLCS (World Literature and Culture Studies)
- **CSE 2** could be a course from these subjects:
  - ADM (Business Administration), ANTH (Anthropology), BA (Business Administration, UNBSJ), CLAS (Classics), ECON (Economics), ENVS (Environmental Studies), FVI (Family Violence Issues), FILM (Film), FNAT (Fine Arts), GEND (Gender Studies), GEOG (Geography), HIST (History), HUM (Humanities, UNBSJ), HTM (Hospitality and Tourism, UNBSJ), IDS (International Development Studies), IS (International Studies, UNBSJ), PHIL (Philosophy), POLS (Political Science), PSYC (Psychology), RCLP (Renaissance College Leadership Program), SOCI (Sociology), A2TME (Technology, Management, and Entrepreneurship), WS (Women's Studies), WLCS (World Literature and Culture Studies) .
- **CSE 3** could be one of these Humanities and Social Science (HSS) courses:
  - ANTH (Anthropology), CLAS (Classics), HIST (History), PHIL (Philosophy), POLS (Political Science), PSYC (Psychology), SOCI (Sociology).
- **CSE 4** could be one of these Humanities and Social Science (HSS) courses, related to technology and society:
  - HIST 3925, Technology and Society, [W] FA2011 MWF 1:30-2:20
  - HIST 3975, History of the Life Sciences, [W] WI2012 7:pm - 9:50
  - SOCI 2533, Information Society, [W] FA2011 T&Th 1:30 - 2:20
  - SOCI 2534, Technology and Social Change, [W]
  - SOCI 2374, Sociology of Science and Technology
  - STS 1003 A, Science, Technology, and Society, from St. Thomas University, Fredericton, FA2011 MWF 10:30-11:20 or WI2012 MWF 10:30 - 11:20