

YEAR 2 GSMS – KEY TOPICS FOR EACH MODULE

Note:

1. You are required to select GSM/s offered to your school.
2. You are **NOT** allowed to select GSM/s from your own school.
3. ALL students are allowed to select modules offered by CENTRE FOR FOUNDATION & GENERAL STUDIES.
4. Please refer to the table for more information.

No.	School / Module Code / Title	Module Description	Key Topics Covered
1	School of Business Management BMX201 Event Planning & Marketing	Ever wondered how high profile and exciting events such as F1 Grand Prix, Youth Olympics, and Singapore Fashion Week are planned and organised? Then sign up for this exciting GSM as we take you behind the scenes to learn more - from the conceptualisation execution of such premier events!	<ul style="list-style-type: none"> • An Overview of Singapore’s event industry • Main stakeholders & challenges faced in general • The event planning process • Main factors in planning & marketing
2	School of Business Management BMX202 Psychology of Mass Media	A Singaporean teenager spent more than \$10,000 of her savings in a year on JYJ, her favourite Korean pop group: Is this a result of media influences? Discover the relationship between media and human behaviour using real-life examples. You will also gain insights into what drives media consumption and its impact on everyday life.	<ul style="list-style-type: none"> • Media Violence • Effects of Advertising • Media & Adolescents • Fandom & Parasocial Interaction • Media Stereotyping

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3	School of Business Management BMX203 Accounting for Beginners	<p>Are you overwhelmed by numbers in a company's financial statements? Or perhaps, you want to be your own boss someday?</p> <p>This module will equip you with the knowledge of basic accounting concepts, and how to read published financial statements.</p>	<ul style="list-style-type: none"> • Basic accounting terms and concepts • Recording business transactions using accounting equation • Prepare simple financial statements • Basic analysis of financial statements
4	School of Business Management BMX205 Marketing Essentials	<p>Ever wondered why the Apple iPhone is so popular? How does SIA maintain its reputation as one of the world's best airlines?</p> <p>This module will help you answer these questions and more. Learn the 4 Ps of marketing and find out through real live case studies how big brands such as Coke, McDonalds, Samsung, Louis Vuitton, etc. compete for the hearts, minds and wallets of their customers!</p>	<ul style="list-style-type: none"> • The 4 Ps of Marketing • Basics of Brand Management • Understanding Consumer Buying Behaviour • Market Segmentation, Targeting & Positioning
5	School of Business Management BMX206 Cultural Intelligence for Business	<p>Do we shake hands or bow when meeting the Japanese for the first time? What is the first step in doing business with the Chinese?</p> <p>Understand how cultural identity impacts professional communication, and learn the techniques of business negotiations in intercultural communication to give you a head-start in the global economy!</p>	<ul style="list-style-type: none"> • Cross-Cultural Awareness: Culture, Culture Shock, Perception and Communication in a Global Environment • Organisational Culture: Managing Diversity, Overcoming Cultural Barriers and Conflict • Working Among Various Cultures

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6	School of Applied Science CLX201 Fun with Chemistry	<p>An expensive piece of clothing has a stain on it and you're wondering how to get rid of it, or maybe even create your own cleaning agents. Or perhaps you are curious to know about the chemical molecules behind the various scents?</p> <p>This module will bring you on a fun and exciting journey to better understand how chemistry is present in our lives and how it can affect us daily.</p>	<ul style="list-style-type: none"> • How chemistry is used to explain some daily occurrences • The chemistry involved in fragrances, food preparation, reaction and spoilage. • Discovery and development of medicinal drugs • Drug detection in a forensic setting
7	School of Applied Science CLX202 Understanding Our Environment	<p>Our rapidly expanding population and industrialising of the world has brought an unprecedented stress on our planet. Global warming? Ocean acidification? Water shortages? Loss of biodiversity? Desertification?</p> <p>This module will help you appreciate and understand important and current issues about the environment, and its relationship with our daily lives.</p>	<ul style="list-style-type: none"> • Challenges & strategies for more sustainable development • Our global energy use and trends • The world's water usage trends • Water pollution & water resource management • Link between solid waste problem & global urbanization
8	School of Applied Science CLX203 Wonders of Alternative Medicines	<p>Acupuncture, homeopathy, Ayurveda, traditional Chinese medicine... these are all examples of alternative medicines. The question is, do they really work compared to conventional medicine?</p> <p>This module will bring you on an exploration into the fascinating world of alternative medicines.</p>	<ul style="list-style-type: none"> • Introduction to Complementary & Alternative Medicine • Traditional Chinese Medicine • Other Complementary & Alternative Therapies • Regulatory, legislative and ethical issues

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9	<p><i>School of Applied Science</i> CLX204 Science Behind Skin Care</p>	<p>We're all conscious about the need to take care of our skin. But what is the routine that's right for your skin type? Have you ever wondered whether more expensive skin care products do a better job than the cheaper brands?</p> <p>This module will enlighten you on what goes into a skincare product and what is the chemistry involved. Discover the many myths as well as facts about skin care!</p>	<ul style="list-style-type: none"> • Physiology of the skin • Classifications of skin types • Science behind skin care products. • Skin care routine and its rationale

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10	School of Design & Media DXX201 Capturing Imaginative Ideas on Paper	<p>Imagine when a flash of inspiration happens only for you to lose it because you weren't able to document it. Or you were able to but not in the way you want. Well, now you can.</p> <p>This module will help you learn how to visualise your ideas and capture them on paper with basic pencil drawing techniques!</p>	<ul style="list-style-type: none"> • Pencil drawing and sketching techniques, • Creating 3-dimensional ideas on paper, • Communicating new ideas, • Modify ideas for industrial or furniture design, and • Collaborative teamwork.
11	School of Design & Media DXX202 Colourise Your life	<p>Have you ever been stared at because the colours of what you're wearing don't match or look odd? Or wondered if your mix of colours work?</p> <p>This module will enable you to appreciate the use of colours to create different moods and coordinated impressions as part of everyday life. You will learn about the colour wheel, colour theory, colour psychology and more!</p>	<ul style="list-style-type: none"> • Colour Theory • Colour Psychology • Colour Moods and impressions • Colour Schemes • Curiosity and creativity
12	School of Design & Media DXX203 Computer Game Logic	<p>A frustrating element about computer games is to remain stuck at a certain level & not being able to move on. But do you know there is a logic behind this when the game was created? Find out how computer games are created and how difficulty levels are set. Perhaps you could learn a thing or 2 on how to beat your favourite game levels and advance to the final stage!</p>	<ul style="list-style-type: none"> • Principle of Game Design and Logic • Game Balancing • Hardware & Software to Enhance Gameplay • Power gaming Strategies: Gamer Psychology • Power gaming Strategies: Design Features and Flaws

13	School of Design & Media DXX204 Digital Photography	You love taking photos with your smart phone but haven't quite figured out how to capture anything more than a simple snapshot. Well, now you can learn to shoot better pictures in terms of composition, natural lighting, colour and angle in this module. The only requirement? A camera handphone!	<ul style="list-style-type: none"> • Elements of Stronger Photos • Compose with confidence • Lighting as a emotive tool • Post Process your photos in mobile
14	School of Design & Media DXX205 Game Art Basics	Are you interested to find out how game graphics are created? You can now learn how to create pixel art for retro-style games such as Pac man and Super Mario, and replace them with your very own designs through this module.	<ul style="list-style-type: none"> • Introduction to Game Art • Digital Imaging Tool Basics • Digital Game Art Asset Creation • Integrating Digital Game Art Asset
15	School of Design & Media DXX206 History of Animation	Don't miss this module if you are a cartoon enthusiast. This module will bring you on a journey of discovery as you appreciate some of the most important masterpieces of Animation and understand better the different Animation medias, techniques and trends.	<ul style="list-style-type: none"> • The genesis • Animation throughout the ages • Animation in different continents • Modern Animation
16	School of Design & Media DXX207 UX Design	UX (or User Experience) Design is to create (digital or physical) products that are useful, easy to use, and great to interact with. It's about enhancing the experience that people have while interacting with your product, and making sure they find value in what you're providing. This module will introduce you to several useful techniques & tools to ensure you get the design right!	<ul style="list-style-type: none"> • User Experience Design Principles • User Research and Persona • Information Architecture • Prototyping • Usability Testing

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17	School of Engineering EGX201 Fascinating World of Robots	From the surface of Mars to your living room floor, robots can be found in some surprising places! Explore the world of robots through this module and discover how robots have been evolving: how they are built, the way they move, their interactions with the world and their applications in everyday life.	<ul style="list-style-type: none"> • Key components of Robots • Robot movement • Types of Robots and Applications • Future of Robotics
18	School of Engineering EGX202 Understanding Internet of Things	<p>The IoT (Internet of Things) is about using the Internet to connect and operate all kinds of devices and appliances ranging from our smart phones, computers, air-cons to even washing machines.</p> <p>This module will help you discover the world of IoT and its impact on the way you work and live.</p>	<ul style="list-style-type: none"> • Smart Devices • Internet Connectivity • Data Services • IOT Applications
19	School of Engineering EGX203 Harvesting Green Energy	Play a part in preserving our planet for the sake of our future generations. The world is increasingly looking to environmentally friendly and sustainable energy sources to meet future energy demands. Green energy sources, such as solar and wind energy, can be used to meet the world's (and Singapore's) growing energy needs, while ensuring environmental sustainability. Through this module, you will be able to better understand how green energy helps to reduce our carbon footprints.	<ul style="list-style-type: none"> • Overview of Energy Supply in Spore • Introduction to Different Green Energy Sources • Harvesting and Storage of Green Energy • Introduction to Applications of Green Technologies and Measures

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20	School of Engineering EGX204 Journey To The Nano World	Look around you and you will be amazed with the emergence of nanotech products in our daily life, ranging from nano Zinc Oxide sunscreen lotion, anti-wet and scratch resistant coating, nanoelectronics and many more! When and how did Nanoscience and Nanotechnology emerge and become so pervasive? Find out through this module and go on an exploration into the Nano World.	<ul style="list-style-type: none"> • Nanomaterials properties • Applications of nanomaterials • Future trends in nanomaterials
21	School of Engineering EGX205 Creative Expression Through Projection	Are you dazzled by the multi-coloured projection shows at the National Day Parade or at major sporting events? Get a glimpse into the art and science of 3D projection mapping – find out just how they are created and how you can tell interesting stories through this medium!	<ul style="list-style-type: none"> • What is Projection Mapping • Planning & Conceptualizing a Projection Mapping Project • Development and Projection of Projection Content
22	School of Engineering EGX206 Amazing Aerospace	<p>Journey through the history of aviation and learn how modern aircraft work. Discover how the pioneers of aviation developed many aspects of today's aircraft technology, including airport operations and aircraft safety.</p> <p>This module will also give you a glimpse into the exciting future of aerospace technology.</p>	<ul style="list-style-type: none"> • Principles of Flight • Airport Operations • Flight Safety • Future Trends of Aviation

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23	School of Engineering EGX207 3D Print Your Design	3D printing is having significant impact on the way many products are being manufactured. The technology has potential to become the largest and most significant application in the coming years. This module covers 3D printing and its endless possibilities, including practical skills for the creation of 3D objects using the technology.	<ul style="list-style-type: none"> • Digital Model Creation • Workflow and 3D Printing • 3D Printing Categories • 3D Printing Applications and Materials
24	School of Engineering EGX208 Impact of Disruptive Innovation on Business	Ever wondered how some big companies lose their customers and market share while smaller rivals were able to gain both and succeed? This module gives insights to Disruptive Innovation, which is known to have a real impact on businesses throughout the world.	<ul style="list-style-type: none"> • Overview of Disruptive Innovation • Case studies of companies that have succeeded by harnessing Disruptive Innovation • Emerging Disruptive Technologies
25	School of Engineering EGX209 Introduction to Quadcopters This module will not be offered in AY2022S2	A quadcopter is a multi-rotor aerial vehicle that is applied in diverse scenarios, like aerial photography/videography, inspections, surveillance, entertainment and even racing sports. Quadcopters have gained popularity due to their affordability and ease of control. More enthusiasts are taking up flying quadcopters as a hobby. Students will receive hands-on experience on assembly, calibration of the flight controller and piloting their assembled machines.	<ul style="list-style-type: none"> • Introduction <ul style="list-style-type: none"> ○ Working principles of a quadcopter ○ Safety measures ○ Singapore regulations on flying quadcopters • Choosing components for quadcopter • Construction and tuning parameters of quadcopter • Learning to pilot quadcopter

Note: For all SEG modules mentioned above, no background knowledge of Physics is required.

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26	<p><i>School of Health & Social Science</i> HSX201 Lifestyle & Health</p> <p>This module will not be offered in AY2022S2</p>	<p>Thinking about changing your lifestyle for better health?</p> <p>Come and learn about the intricate relationship between lifestyle, health and disease. You will be introduced to the causes, features and complications of health disorders associated with lifestyle practices.</p>	<p>Lecture</p> <p>Key topics</p> <ul style="list-style-type: none"> • Concepts of health and components of wellness • Relationship between lifestyles and development of chronic disorders • Impact of lifestyles and development of chronic conditions • Causes and disease processes of infectious diseases
27	<p><i>School of Health & Social Science</i> HSX202 Choices in Relationships</p>	<p>Do you know that positive and fulfilling relationships hold the keys to happiness in life?</p> <p>In this module, you will learn about the factors influencing our relationships. From friendships to family relations to romantic relationships, you will evaluate personal choices and its consequences.</p> <p>At the end of the module, you will gained insight to your relationship style and develop strategies to enhance personal relationships.</p>	<p>Lecture</p> <p>Key topics</p> <ul style="list-style-type: none"> • Influences of relationships • Gender and relationships • Communication in relationships • Healthy vs Unhealthy Relationships

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28	School of Information Technology ITX201 Computational Thinking for Everyday Life	<p>In an age of increasing complexities, having the skills to tackle multi-faceted problems will prove invaluable in life and the workplace.</p> <p>This module uses a computational thinking framework to help you enhance and reinforce your intellectual and problem solving skills so that you are ready to face and solve every day work and life issues!</p>	<ul style="list-style-type: none"> • Key Concepts of Computational Thinking • Application of Computational Thinking • Problem Solving Process
29	School of Information Technology ITX202 The Importance of Cyber Security	<p>With the proliferation of digital data in the 21st century, companies and individuals are facing an increasing challenge in making their data secure yet available. Join the adventure in discovering more about cyber security and how you play your part in avoiding, mitigating and defending against cyber threats in today's technologies and applications.</p>	<ul style="list-style-type: none"> • Cyber security trend • Case study of security incidents • Protection <ul style="list-style-type: none"> ○ Virus and Worms ○ Cyber Web Attack ○ E-mail & IM • What is Encryption • Protect your documents, ID, personal information • Related Law in Singapore
30	School of Information Technology ITX203 Create Professional Business Documentations	<p>Ever feel that you have an ingenious idea but do not know how to put up a proposal in written form?</p> <p>In this module, you will learn the tips & tricks to enhance your word processing skills using Microsoft Word and create professional-looking documents to impress.</p>	<ul style="list-style-type: none"> • Create References • Protect and Share Documents • Advanced styles & formatting • Manage Forms, Fields and Mail Merge Operations • Create Custom Word Elements • Prepare Document for Internationalization and Accessibility

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31	School of Information Technology ITX204 Making Impactful PowerPoint Presentations	<p>Do you want to see your ideas achieve higher rate of acceptance & retention? You need to level up your skills in creating impactful presentations that will WOW your audience.</p> <p>In this module, you will learn how to tap on advanced features in Microsoft PowerPoint to visualise your ideas so that you create dynamic and visually appealing presentations with ease.</p>	<ul style="list-style-type: none"> • Display Images, Shapes, Business Diagrams, Tables & Charts • Create Multimedia and Animations • Configure Presentation Themes and Templates • Collaborate and Distribute Presentations
32	School of Information Technology ITX205 Get More Out of Spreadsheet	<p>In today's world, spreadsheets have become a powerful tool for analysing data and making informed decisions. Mastering the use of Microsoft Excel is a must-have skill for everyone in the workplace.</p> <p>This course will enable you to leverage advanced Excel features to improve your work productivity and help you organise and present data effectively.</p>	<ul style="list-style-type: none"> • Workbooks Management and Sharing • Custom Formats • Formulas and Functions • Scenarios • Styles and Template • Charts & Tables • Internationalization & accessibility

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33	Centre for Foundation & General Studies FGX201 Introduction to Sociology	Gain a better understanding of the world we live in, and learn about social causes, repercussions of common human experiences and issues, including love, identity, prejudice and more!	<ul style="list-style-type: none"> • What is Sociology • Culture and Society • Socialization • Deviance and Social Control • Gender Inequality and Issues
34	Centre for Foundation & General Studies FGX202 Bounce Back! ABCs of Resilience	Facing difficulties in life is inevitable. Many people react to these challenging events with strong emotions and a sense of uncertainty. Yet, some people bounce back from such adversities. Discover how you can take control and bounce back when faced with adversity!	<ul style="list-style-type: none"> • Develop positive emotions • Assess thinking patterns • Build positive lasting relationships • Find meaning in life
35	Centre for Foundation & General Studies FGX203 Healthy Relationships, Enriched Lives	Healthy relationships rock! Toxic relationships hurt. Go for an awareness about the importance of relationships in life, and learn skills to achieve mental, emotional and social wellness through relational engagement and communication.	<ul style="list-style-type: none"> • Challenges in Relationships • Role of Communication in Relationships • Maintaining and Repairing Relationships
36	Centre for Foundation & General Studies FGX204 Introduction to French Language 1	Bonjour! Do you want to learn some basic French? Oui? Then this module is for you! You will learn handy phrases you can use when you are in France or when you are making first contact with the French. A bientôt!	<ul style="list-style-type: none"> • French Pronunciation • Greetings • Self-introduction • Likes and Dislikes

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37	Centre for Foundation & General Studies FGX205 Introduction to German Language 1	<p>Guten Tag! Did you know that more than 100 million people outside of Germany speak German? If you are interested in learning some basic German or thinking of studying in Germany, then this module is for you! You will learn handy phrases you can use when you are in Germany or when you are making first contact with the Germans. Bis bald!</p>	<ul style="list-style-type: none"> • German Alphabet & Pronunciation • Greetings & Introduction • Numbers & Prices • Food & Drinks • Health & Sickness • Public Transport & Traveling
38	Centre for Foundation & General Studies FGX206 Introduction to Japanese Language 1	<p>こんにちは (konnichiwa). Are you interested in learning and speaking some basic Japanese? In this module, you will learn basic pronunciation, the Japanese writing system, introductions among other things. You will gain confidence in communicating with the Japanese using simple phrases!</p>	<ul style="list-style-type: none"> • Japanese Sound Patterns and Writing Systems • Self-introduction • Greetings & First Contacts • Shopping
39	Centre for Foundation & General Studies FGX207 Introduction to Korean Language 1	<p>안녕하세요! Are you keen to learn some basic Korean phrases? How about the Korean alphabet? 그래요? In this module, you will learn simple phrases which you can use while travelling in Korea or when you are making first contact with the Koreans. You can even enjoy Korean drama or K-POP with this basic knowledge of Korean grammar. 곧 만나요!</p>	<ul style="list-style-type: none"> • Hangeul – the Korean Alphabet • First Contact & Exchanges • At a Restaurant • Shopping

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40	Centre for Foundation & General Studies FGX211 Emotional Intelligence	<p>People with high emotional intelligence can understand and control their emotions. They do not allow themselves to become too angry or jealous and do not make impulsive decisions. They are also good at recognising the feelings of others. Hence, they are usually excellent at managing relationships and relating to others.</p> <p>This module offers tips on enhancing your emotional intelligence, and you will soon be on your way to becoming a happier person!</p>	<ul style="list-style-type: none"> • Self-Awareness and Management • Social Awareness • Relationship Management
41	Centre for Foundation & General Studies FGX213 Developing Personal Effectiveness	<p>Have you ever dreamt of being a highly successful person? Come embark on an exciting learning journey to maximise your personal effectiveness and achieve your goals. We will use experiential learning activities to introduce several practical strategies for becoming a more effective individual. Don't just admire the inspirational role models in your life; start on a path to becoming them!</p>	<ul style="list-style-type: none"> • What is Personal Effectiveness? • Self-Awareness – Character Signature, Values & Character, Inspirational Role Models • Intrapersonal Strategies for Personal Effectiveness • Interpersonal Strategies for Personal Effectiveness
42	Centre for Foundation & General Studies FGX214 Introduction to Chinese Language	<p>Are you ready to learn Chinese? Do you wish to converse with others around you in Mandarin? Starting with Hanyu Pinyin and the four tones, you will learn to speak basic Mandarin in situations involving simple interactions and daily activities. This module will also introduce you to Chinese culture and customs.</p> <p><i>As this is an introductory module, only students with no prior formal training in Chinese may apply.</i></p>	<ul style="list-style-type: none"> • Hanyu Pinyin and the four tones • Basic Social Interactions • People and Daily Activities • Chinese Culture & Customs

43	<p>Centre for Foundation & General Studies FGX215 Business Chinese</p>	<p>Do you want to make good use of your Chinese language skills in a business and work environment? In this module, you will learn to connect with others in typical business and work situations using your Chinese language skills along with an understanding of Chinese ways of thinking.</p> <p><i>This module will be conducted in Chinese, with English translation at times when special terms are involved. Only students with C6 or better in GCE 'O' level or 'N' level Chinese Language are eligible to take this module.</i></p>	<ul style="list-style-type: none"> • China as an economic entity • Aspects of Chinese culture as perceived in business practices • Chinese as a communication tool in the business and work environment
44	<p>Centre for Foundation & General Studies FGX216 Introduction to Malay Language</p>	<p><i>Selamat datang ke kelas bahasa Melayu!</i> (Welcome to the Malay Language class!)</p> <p>Always wanted to converse with your friends in Malay? Need to travel to Malaysia or Indonesia for the weekend? This module is for you. It will equip you with the basics of the Malay language through situational dialogues. It will also give you a glimpse of the Malay culture and customs.</p> <p><i>As this is an introductory module, only students with no prior formal training in Malay may apply.</i></p>	<ul style="list-style-type: none"> • Pronunciation and sentence structure • Basic Social Interactions • People and Daily Life • Malay Culture and Customs