



EXCHANGE STUDY PLAN

<b>Name of Student</b>	
<b>University of Aberdeen ID Number</b>	
<b>Degree Programme</b>	DEGREE OF BACHELOR OF ENGINEERING IN ENGINEERING (MECHANICAL) (07H30052)
<b>Current Year of Study</b>	Year 1
<b>Period of Study Abroad</b>	<input type="checkbox"/> <b>First Half Session</b> <input type="checkbox"/> <b>Second Half Session</b> <input checked="" type="checkbox"/> <b>Full Year</b>

Proposed Study Exchange Destinations

<b>Order of Preference</b>	<b>Host Institution</b>
1	The University of British Columbia
2	National University of Singapore
3	University of Calgary
4	
5	



# UNIVERSITY OF ABERDEEN

## Proposed Courses of Study at Host

<b>Host Institution 1</b>	The University of British Columbia
<b>URL Course Catalogue</b>	<a href="https://courses.students.ubc.ca/cs/courseschedule?pname=subjarea&amp;tname=subj-all-departments">https://courses.students.ubc.ca/cs/courseschedule?pname=subjarea&amp;tname=subj-all-departments</a>

Aberdeen Course Code	Aberdeen Course Title	Aberdeen Credits	Host Course Code	Host Course Title	Host Credits
AB1001	Introduction to Doric *EXAMPLE ONLY*	15	NORINT0110	Norwegian for beginners *EXAMPLE ONLY*	15
EG2004	Fluid Mechanics and Thermodynamics	15	MECH280	Introduction to Fluid Mechanics	3
EG2011	Process Engineering	15	MECH222	Engineering Science II	6
EG2012	Engineering Mathematics 2	15	MATH253	Multivariable Calculus	3
EA2502	Solids and Structures	15	MECH260	Introduction to Mechanics of Materials	3
EG2501	Design and Computing in Engineering Practice	15	APSC160	Introduction to Computation in Engineering Design	3
EG2503	Electrical and Mechanical Systems	15	ELEC343	Electromechanics	3
<i>Please check your <a href="#">degree programme specifications</a> for the relevant semester/s and enter your compulsory courses in this section, as per the example. Languages students and students of the 5-year LLB options don't need to complete this section.</i>			<i>Please check the course catalogue at your chosen host institution and select the course that would provide an acceptable match.</i>		

**Why did you choose this Host (max 200 words)**



UNIVERSITY OF ABERDEEN

With the gorgeous campus and high academic standards at the University of British Columbia (UBC), it is a home for various engineering societies with students truly passionate about their engineering fields. With great interest, I am taking part in our new Aerospace Engineering society at the University of Aberdeen and therefore, I am eager to join one of the aerospace societies at UBC. Students within two teams are working with projects similar to ours but with a much broader understanding and experience in the aerospace field. Although my chief passion is air vehicles, I found very interesting other student groups that work with solar panels and are making satellites that will be sent into the earth's orbit.

Overall, one of the main priorities at UBC is to establish a great connection between theory and practice, which is one of the central features I am looking for.

Although the workload seems to be much higher at UBC, I see it more as a challenge rather than a problem.

I believe that UBC is a great place to gain useful experience and knowledge in any particular field. The opportunity to spend my international exchange at the UBC would be a one-lifetime experience that could develop myself as a much stronger and more discerning engineer.

Example



## Proposed Courses of Study at Host

<b>Host Institution 2</b>	National University of Singapore
<b>URL Course Catalogue</b>	<a href="https://nusmods.com/modules?sem[0]=1&amp;sem[1]=2&amp;sem[2]=3&amp;sem[3]=4">https://nusmods.com/modules?sem[0]=1&amp;sem[1]=2&amp;sem[2]=3&amp;sem[3]=4</a>

Aberdeen Course Code	Aberdeen Course Title	Aberdeen Credits	Host Course Code	Host Course Title	Host Credits
AB1001	Introduction to Doric *EXAMPLE ONLY*	15	NORINT0110	Norwegian for beginners *EXAMPLE ONLY*	15
EG2004	Fluid Mechanics and Thermodynamics	15	ME2121	Engineering Thermodynamics and Heat Transfer	4Mc
EG2011	Process Engineering	15	CN2125	Heat Mass Transfer	4Mc
EG2012	Engineering Mathematics 2	15	MA2104	Multivariable Calculus	4Mc
EA2502	Solids and Structures	15	ME2151	Principles of Mechanical Eng. Materials	4Mc
EG2501	Design and Computing in Engineering Practice	15	ME3261	Computer-Aided Design and Manufacturing	4Mc
EG2503	Electrical and Mechanical Systems	15	EG2310	Fundamentals of System Design	4Mc
<i>Please check your <a href="#">degree programme specifications</a> for the relevant semester/s and enter your compulsory courses in this section, as per the example. Languages students and students of the 5-year LLB options don't need to complete this section.</i>			<i>Please check the course catalogue at your chosen host institution and select the course that would provide an acceptable match.</i>		

**Why did you choose this Host (max 200 words)**



Universities in Asia with their high education ratings have become one of the most appealing destinations for potential and passionate engineers worldwide. And the National University of Singapore (NUS) is on the top of the list, which means that the environment in the classes is becoming extremely competitive. Therefore, to maintain studies, the minimum result usually has to be above 80%, which can only be obtained by frequent hard work with yourself. As it may seem like a big struggle for an average student, I see it as a challenge and opportunity to push my boundaries much higher.

Searching through the NUS web page, I found information about the Aerospace center at NUS, which is a comprehensive center for aerospace-focused research and education. They have been researching aerospace features like more fuel-efficient, cooler and quieter engines, and the use of new lightweight composite aircraft structures and materials. As well as research projects, they also organize guest lectures at NUS delivered by industry partners, thus increasing involvement and awareness of young engineers. These types of researching centers based on the aerospace engineering field correlate with my intentions in the future as an engineer. Getting involved with society so passionate about technologies and their development is one of the best experiences that potential engineers can have.

Example



# UNIVERSITY OF ABERDEEN

## Proposed Courses of Study at Host

<b>Host Institution 3</b>	University of Calgary
<b>URL Course Catalogue</b>	<a href="https://www.ucalgary.ca/pubs/calendar/current/course-desc-main.html">https://www.ucalgary.ca/pubs/calendar/current/course-desc-main.html</a>

Aberdeen Course Code	Aberdeen Course Title	Aberdeen Credits	Host Course Code	Host Course Title	Host Credits
AB1001	Introduction to Doric *EXAMPLE ONLY*	15	NORINT0110	Norwegian for beginners *EXAMPLE ONLY*	15
EG2004	Fluid Mechanics and Thermodynamics	15	ENGG311	Engineering Thermodynamics	3
EG2011	Process Engineering	15	ENME471	Heat Transfer	3
EG2012	Engineering Mathematics 2	15	MATH277	Multivariable Calculus for Engineering and Scientists	3
EA2502	Solids and Structures	15	ENGG317	Mechanics of Solids	3
EG2501	Design and Computing in Engineering Practice	15	ENME339	Engineering Graphics and CAD	3
EG2503	Electrical and Mechanical Systems	15	ENME461	Foundations of Mechatronics	3
<i>Please check your <a href="#">degree programme specifications</a> for the relevant semester/s and enter your compulsory courses in this section, as per the example. Languages students and students of the 5-year LLB options don't need to complete this section.</i>			<i>Please check the course catalogue at your chosen host institution and select the course that would provide an acceptable match.</i>		

**Why did you choose this Host (max 200 words)**



UNIVERSITY OF ABERDEEN

The University of Calgary is a comparably very young university with a high potential to develop. They intend to grow bigger and more global in the future by putting a bigger effort into research programs. At first glance, I like their idea of doing research projects and technical developments so that the community around us would benefit the most. As a potential engineer, I should learn how to integrate my work into an understanding of society and how to present it accurately. For me, the University of Calgary would be a great place to learn these necessary skills.

As well as good academic standards, the University of Calgary has an active student community with various societies. In the period of my first semester at the University of Aberdeen, I have understood how important it is to get involved with the university's community and how much I can learn from others by just talking and sharing ideas. Therefore, it is relevant to locate yourself around an active and positive community to benefit from it as well as give something back to it. The opportunity to spend my international exchange at the University of Calgary would increase my understanding of the values of different societies and develop myself as a more independent person.

Example



## Proposed Courses of Study at Host

<b>Host Institution 4</b>	
<b>URL Course Catalogue</b>	

Aberdeen Course Code	Aberdeen Course Title	Aberdeen Credits	Host Course Code	Host Course Title	Host Credits
AB1001	Introduction to Doric <i>*EXAMPLE ONLY*</i>	15	NORINT0110	Norwegian for beginners <i>*EXAMPLE ONLY*</i>	15
Please check your <a href="#">degree programme specifications</a> for the relevant semester/s and enter your compulsory courses in this section, as per the example. Languages students and students of the 5-year LLB options don't need to complete this section.			Please check the course catalogue at your chosen host institution and select the course that would provide an acceptable match.		

<b>Why did you choose this Host (max 200 words)</b>





## Proposed Courses of Study at Host

<b>Host Institution 5</b>	
<b>URL Course Catalogue</b>	

Aberdeen Course Code	Aberdeen Course Title	Aberdeen Credits	Host Course Code	Host Course Title	Host Credits
AB1001	Introduction to Doric <i>*EXAMPLE ONLY*</i>	15	NORINT0110	Norwegian for beginners <i>*EXAMPLE ONLY*</i>	15
Please check your <a href="#">degree programme specifications</a> for the relevant semester/s and enter your compulsory courses in this section, as per the example. Languages students and students of the 5-year LLB options don't need to complete this section.			Please check the course catalogue at your chosen host institution and select the course that would provide an acceptable match.		

**Why did you choose this Host (max 200 words)**